

CLINICAL CONGRESS

October 4–8, 2015 | McCormick Place | Chicago, IL

2015

PROGRAM

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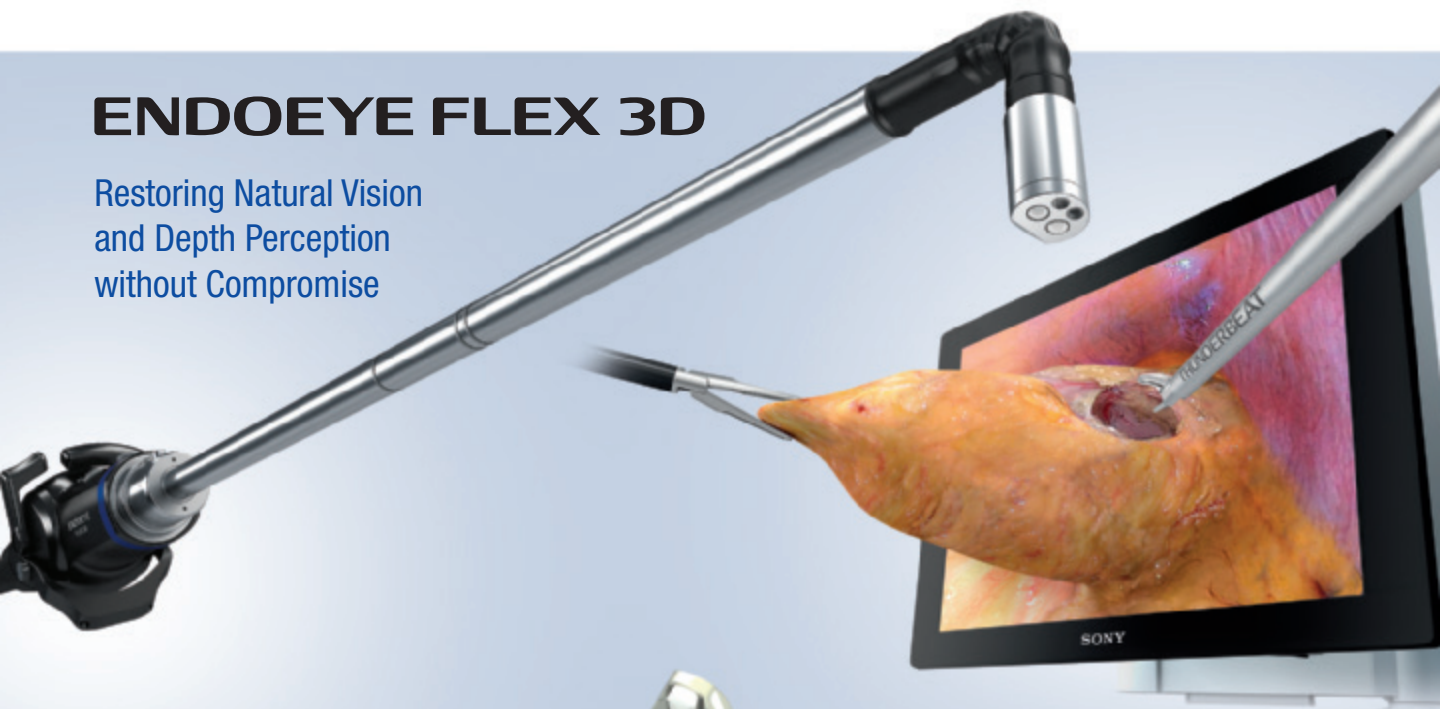


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Dear Colleagues,

On behalf of the Program Committee and the Division of Education, we would like to welcome you to the 2015 Clinical Congress of the American College of Surgeons (ACS). The Clinical Congress is the premier annual education and training meeting for surgeons worldwide. This annual meeting offers an array of outstanding education and training opportunities that are firmly rooted in cutting-edge principles of contemporary surgical education and training, and continuous professional development. Our goal is to continually introduce innovations in the Clinical Congress Program to meet the evolving needs of practicing surgeons, surgery residents, medical students, and members of the surgical team.



Dr. Rusch



Dr. Sachdeva

The 2015 Clinical Congress Program is organized into tracks and a variety of sessions are included in these tracks. The 11 Named Lectures and 123 Panel Sessions will address a broad range of critical topics that focus on the breadth of surgical practice and will include both clinical and nonclinical content. In addition, 15 Didactic/Experiential Courses and 15 Surgical Skills Courses will be offered. Original scientific work will be presented at the Scientific Forum Sessions and the Scientific Forum Poster Presentations. The Clinical Congress Program will also include 48 Meet-the-Expert Luncheons and 20 Town Hall Meetings. In addition, there will be 32 Video-Based Education Sessions. Important features of the 2015 Clinical Congress Program include:

- The Scientific Sessions that encompass presentations of scholarly work have been reorganized into the Scientific Forum that includes scientific papers of senior and young investigators, and the Scientific Forum Poster Presentations.
- Self-Assessment Credits will again be offered for most Panel Sessions, Postgraduate Courses, and Video-Based Education Sessions.
- Special certificates will be provided for achieving specific levels of verification through participation in Didactic and Skills Courses, based on the Division of Education's 5-Level Verification Program.
- Credits will be provided in several content domains to meet various regulatory requirements.
- Attendees will be able to evaluate the Clinical Congress sessions electronically, and claim CME Credits through an enhanced information technology infrastructure.
- An improved Clinical Congress app will be available for planning and scheduling your itinerary and claiming CME Credits.
- Most Panel Sessions and some Didactic Courses will be webcast.
- Clinical Congress Program highlights will be disseminated electronically to ACS Members.

Continuing Medical Education (CME) Credits earned through participation in the Clinical Congress Program will be transferred seamlessly to the MyCME website for ACS Members.

We are extremely grateful to the Members of the Clinical Congress Program Committee, Advisory Councils, Standing Committees and Task Forces who have made excellent contributions to the 2015 Clinical Congress Program. This year's program should be of great value to attendees in addressing their specific learning needs and of help in fulfilling requirements for Maintenance of Certification, addressing a variety of regulatory requirements, and help in fulfilling credentialing and privileging needs. We encourage you to take full advantage of this outstanding opportunity!

Valerie W. Rusch, MD, FACS
Chair, Program Committee

Ajit K. Sachdeva, MD, FACS, FRCS
Director, Division of Education

Program Committee of the American College of Surgeons

The Program Committee is responsible for planning and implementing the continuing educational offerings of the College, primarily the Postgraduate Courses, sessions, and symposia at the annual Clinical Congress. In addition to its 13-member committee, more than 30 liaison members represent the various disciplines and groups in surgery.

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Please note: As the official planning committee of the 2015 Clinical Congress Program, full disclosure of the Program Committee's financial relationships is available on page 196.

Contents

Alphabetical Program Guide	4
General Information	7
Guest Registration	14
Sessions-at-a-Glance by Day	15
2015 Track Schedule	24
Sessions-at-a-Glance by Track.	25
Credit to Address Regulatory Mandates	38
Sessions of Special Interest	41
Town Hall Meetings	47
Scientific Programs	51
Named Lectures	51
Postgraduate Courses	54
Meet-the-Expert Luncheons	74
Panel Sessions	77
Abstract Sessions	117
The Scientific Forum.	117
Video-Based Education Sessions	156
Scientific Forum Poster Presentations	171
Officers and Board of Regents of the American College of Surgeons	189
Board of Governors	191
Surgical Specialty Societies and Associations	195
American College of Surgeons Program Committee Disclosures	196
Speaker Disclosures	197
Committees	203
Index of Program Participants	217

ACS Staff Pledge to the Surgical Community

We affirm that the Clinical Congress is the premier educational and networking event in surgery. We will leverage our expertise to ensure its success and help the surgical community provide the best patient care. We will do this by continually improving the experience and exceeding your expectations.

Alphabetical Program Guide

ACS Division of Education Panel Sessions.	45, 98, 106
Advisory Council for Cardiothoracic Surgery Panel Sessions	78, 88, 90, 94, 113, 116
Advisory Council for Colon and Rectal Surgery Panel Sessions	78, 79, 83, 84, 86, 87, 91, 94, 97, 98, 110
Advisory Council for General Surgery Panel Sessions.	78, 79, 80, 83, 84, 86, 90, 92, 93, 94, 96, 99, 100, 103, 104, 105, 109, 111, 113, 114
Advisory Council for Gynecology and Obstetrics Panel Sessions	93, 114
Advisory Council for Neurological Surgery Panel Sessions	97, 108
Advisory Council for Ophthalmic Surgery Panel Session	85
Advisory Council for Orthopaedic Surgery Panel Sessions	85, 97, 113
Advisory Council for Otolaryngology–Head and Neck Surgery Panel Sessions.	80, 83, 85, 89, 108, 111
Advisory Council for Pediatric Surgery Panel Sessions	81, 92, 99, 102
Advisory Council for Plastic and Maxillofacial Surgery Panel Sessions	92, 94, 100
Advisory Council for Rural Surgery Panel Session.	91
Advisory Council for Urology Panel Sessions.	80, 94, 97
Advisory Council for Vascular Surgery Panel Sessions	93, 94, 100, 103, 106
Advisory Councils for the Surgical Specialties Panel Sessions	77, 86, 92, 116
Alliance for Clinical Trials in Oncology Panel Sessions.	87, 89, 109, 112
American College of Surgeons History Group Panel Session	105
Annual Business Meeting of Members.	46
Association of Program Directors in Surgery Panel Session.	93
Board of Governors	191
Commission on Cancer Panel Sessions	103, 109, 112
Committees	203
Convocation	41
Disclosures	196
Division of Research and Optimal Patient Care Panel Session.	115
Ethics Panel Discussion	96
Excellence in Research Awards.	44
Federación Latinoamerica de Cirugía Panel Session	83
Future Meetings	13
General Information	7
General Surgery Coding and Reimbursement Panel Session	95
Geriatric Surgery Panel Session	77
Governors Committee on Physician Competency and Health Panel Session.	89
Guest Registration	14
Health Information Technology Panel Session	81
Health Policy and Advocacy Group Panel Session.	115
International Relations Panel Sessions	81, 85, 107, 110, 112
Interprofessional Education and Practice Panel Session	102

Lectures, Named

Charles G. Drake History of Surgery Lecture	51
Commission on Cancer Oncology Lecture	53
Distinguished Lecture of the International Society of Surgery	52
John J. Conley Ethics and Philosophy Lecture	53
Excelsior Surgical Society/Edward D. Churchill Lecture.	52
Herand Abcarian Lecture	52
I. S. Ravdin Lecture in the Basic and Surgical Sciences.	51
John H. Gibbon, Jr., Lecture	51
Martin Memorial Lecture	42, 51
Olga M. Jonasson Lecture	52
Scudder Oration on Trauma.	52
Letter from Dr. Sachdeva and Dr. Rusch	1
Medical Student Education Panel Sessions.	77, 111
Medical Student Program	41, 43, 45
Meet-the-Expert Luncheons	74
Officers and Board of Regents of the American College of Surgeons	189
Opening Ceremony	42
Operation Giving Back Panel Session	110
Patient Education Panel Session.	100
Perioperative Care Panel Sessions	87, 95, 97, 114
Posters of Exceptional Merit Presentation	71
Postgraduate Courses	54
DEC01—Review of the Essentials of Vascular Surgery	55
DEC02—Emergency General Surgery Update.	56
DEC03—Fundamental Use of Surgical Energy (FUSE)	56
DEC04—Trauma Update 2015.	57
DEC05—Office and Hospital Coding: What to Bill? How to Document and Appeal: 2015 Basic Coding Workshop	57
DEC06—Surgical Education: Principles and Practice	58
DEC07—Measure Twice, Cut Once! Optimizing Surgical Systems of Care	58
DEC08—Challenges in General Surgery Coding and Reimbursement: 2015 Advanced Coding Workshop	59
DEC09—General Surgery Review Course	60
DEC10—Practical Communication Skills for Difficult Patient Encounters	61
DEC11—Improving Patient Safety and Team Performance in Your OR: The Non-Technical Skills for Surgeons (NOTSS) System.	61
DEC12—Maintenance of Certification Review: Essentials for Surgical Specialties	62
DEC13—A Primer in Clinical Trials Design and Methodology	62
DEC14—Annual Update in Surgical Critical Care.	63
DEC15—Managing Common Anorectal Complaints	64
SSC01—Bariatric Surgery: Managing Complications—Skills and Strategies	64
SSC02—Advanced Skills Training for Rural Surgeons: Laparoscopic Bile Duct Exploration and Facial Lacerations	65

SSC03—Oncoplastic Breast Surgery for the General Surgeon	65
SSC04—Surgical Endoscopy: Advancing Minimally Invasive Surgery and Retooling Our Workforce.	66
SSC05—Practical Applications of Ultrasonography in the Intensive Care Unit (Echocardiography).	67
SSC06—Rib Plating.	67
SSC07—Ultrasound for Pediatric Surgeons	68
SSC08—Endovascular Skills for Hemorrhage Control.	68
SSC09—Advanced Colonoscopy Skills Course: New Interventions and Frontiers	69
SSC10—Laparoscopic Inguinal and Ventral Hernia Repair.	69
SSC11—Advanced Hepatopancreaticobiliary (HPB) Ultrasound	70
SSC12—Performing Total Mesorectal Excision (TME)	71
SSC13—Thyroid and Parathyroid Ultrasound	71
SSC14—Minimally Invasive Laparoscopic Colorectal Surgery.	72
SSC15—Palliative Surgical Care	72
Program Committee of the American College of Surgeons	2, 203
Program Committee Panel Sessions.	78, 81, 83, 88, 95, 99, 106
Program Participants, Index of	217
Resident and Associate Society Panel Session.	82, 88, 101, 108
Resident and Associate Society Symposium.	41
Resident Education Panel Sessions	81, 90, 91, 103
Rural Surgeons Open Forum and Oweida Scholarship Presentation.	45
Scholarship Committee Panel Session.	115
Scientific Forum Panel Sessions	77
Scientific Forum Poster Presentations.	171
Scientific Forum Sessions	117
Scientific Programs.	51
Sessions-at-a-Glance by Day	15
Sessions-at-a-Glance by Track.	25
Sessions of Special Interest.	41
Standing Committees of the American College of Surgeons	205
Surgery Resident Program.	42
Surgical Palliative Care Panel Sessions	101
Surgical Research Committee Panel Sessions.	90, 98, 108, 114
Surgical Skills Training for Practicing Surgeons Panel Session	105
Surgical Specialty Societies and Associations	195
Town Hall Meetings	47
Track Schedule	24
Trauma Panel Sessions	78, 82, 85, 93, 96, 97, 100, 115
Video-Based Education Sessions	156
Women in Surgery Panel Sessions	82, 84, 100, 104, 106, 109, 111
Young Fellows Panel Sessions.	79, 82, 103, 108, 116
Young Fellows Association Program	43

General Information

Purpose

The Clinical Congress is a scientific and educational meeting that shall be held at the time and place of the Annual Business Meeting of the Members, and shall include the Convocation (*Bylaws*, American College of Surgeons, Article VIII, Section 3).

The purpose of the Clinical Congress is to keep ACS Members and interested non-Fellow physicians abreast of the current status of the art and science of surgery. To accomplish its purpose, the Clinical Congress offers a highly diversified program of continuing education in all specialties of surgery and in important fields of science, socioeconomics, and medical education. It holds the preeminent place among all College activities designed to raise the standards of surgical practice and improve the care of the surgical patient.

The entire program presented at this meeting includes physicians drawn from various specialties. The sessions are designed to present a variety of viewpoints on matters of particular interest to those for whom the session is primarily intended and to stress the need for understanding and cooperation among the specialties.

Objectives

By the conclusion of Clinical Congress, participants should be able to:

- Apply new knowledge and ideas to improve their surgical practice;
- Adapt concepts and quality measures in support of research advancements; and
- Enhance the quality of patient care.

Registration Locations and Hours

An official registration badge is required for entrance to all sessions and the exhibit hall. Registration location and hours are listed below.

McCormick Place West, Central Concourse

Sunday, October 4 7:00 am – 6:00 pm
Monday, October 5 6:30 am – 5:00 pm
Tuesday, October 6 7:00 am – 4:00 pm
Wednesday, October 7 7:00 am – 4:00 pm
Thursday, October 8 7:00 – 10:00 am

Badge Designations

For rapid identification purposes, the badge colors and designations for this year's Clinical Congress are as follows:

Gold – Member

Includes the following categories:

Fellow
Retired Fellow
New Fellow
Associate Fellow
Resident Member
Medical Student Member
Affiliate

Green – Nonmember

Includes the following categories:

Resident nonmember
Guest physician
Medical student nonmember
Allied Health (hospital administrator, hospital purchasing agent, medical association personnel, physician assistant, technician, and other)
Nurse nonmember
PhD nonmember

Teal

Includes the following categories:

Guest registration
Press
Commercial press

Red

Technical exhibitors

Gray

Commercial representatives (manufacturer representatives, distributor, public relations firm, advertising representative, consultant, and potential exhibitors)

Blue

ACS staff

Postgraduate Courses and Fees

Admission to all Postgraduate Courses is by badge and ticket. Only registered meeting attendees may purchase Postgraduate Course tickets. Seating capacities are limited; on-site ticket purchases are subject to availability. Tickets for some of the Postgraduate Courses may also be purchased on-site in the registration area, subject to availability and fulfillment of any applicable course requirements. A complete listing of courses can be found on page 54.

Tickets may only be exchanged before the start of a course, but only for another Postgraduate Course. Meeting room assignments for Postgraduate Course are printed on the course ticket. The ACS reserves the right to cancel any regularly scheduled session before

the start of the meeting and assumes no responsibility for nonrefundable airlines tickets and other travel costs. The ACS will make every effort to immediately notify registrants of any cancellations.

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

The American College of Surgeons is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™

The American College of Surgeons designates this live activity for a maximum of 47.5* AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**A maximum of 31.5 credits are available for sessions Monday through Thursday, including evening Video-Based Education sessions. A maximum of 19 credits are available for Postgraduate Courses held on Saturday and Sunday, as well as Meet-the-Expert Luncheons held throughout the week.*



AMERICAN COLLEGE OF SURGEONS DIVISION OF EDUCATION

Accredited with Commendation by the
Accreditation Council for Continuing Education

Self-Assessment Credit

Self-Assessment Credit will be available for most Panel Sessions, Didactic/Experiential Courses, Surgical Skills Courses, and Video-Based Education sessions. The process of earning Self-Assessment Credit is voluntary and is not a prerequisite to claiming continuing medical education (CME) Credit. Self-Assessment Credit counts toward American Board of Surgery Maintenance of Certification (MOC) Part 2. Participants are strongly encouraged to complete their Self-Assessment posttest as soon after attendance as possible, with a final deadline of December 1, 2015.

Continuing Medical Education (CME) Credit Claiming

On-site claiming of credit for nonticketed sessions (NL, PS, SF, and VE) will be available at the MyCME booth and kiosks in McCormick Place West, October 5–8, 2015. Physicians are responsible for claiming CME credit for Clinical Congress. Claims for CME credit for this event will be accepted until December 1, 2015.

Credit to Address Regulatory Mandates

Some state licensing boards and other regulatory organizations have established specific content requirements for CME credit. The American College of Surgeons has not and does not verify that any content meets these requirements. The CME Certificate includes specific content credit designations where applicable. The designations are indicated after each session title using the abbreviations listed in the following table. Check with your state or local medical board, hospital, or organization to verify that this content meets the criteria for your specific requirements.

Ethics (E)	Patient Safety (PtS)
Palliative Care (PA)	Trauma/Critical Care (T)
Pain Management (PM)	

Guide to Educational Credit at Clinical Congress

Earn and Claim CME Credits and Self-Assessment Credit by December 1, 2015.

SESSION TYPE	OFFERS CME CREDIT*	OFFERS SELF-ASSESSMENT CREDIT**
Didactic/Experiential Courses (DEC)	X	X*
Meet-the-Expert Luncheons (ME)	X	N/A
Named Lectures (NL)	X	N/A
Panel Sessions (PS)	X	X*
Special Interest Session: Posters of Exceptional Merit Presentations (SI)	X	N/A
Scientific Forum Sessions (SF)	X	N/A
Surgical Skills Courses (SSC)	X	X*
Town Hall Meetings (TH)	N/A	N/A
Video-Based Education Sessions (VE)	X	X*

* Self-Assessment Credit is not available for all sessions.

** Of the 90 CME Credits required every three years, 60 credits must be Self-Assessment Credits.

Session Evaluations, Posttests, and the Global Evaluation

PROCESS	TO CLAIM CME CREDIT	TO EARN SELF-ASSESSMENT CREDIT
The entire educational credit process must be completed online: <ul style="list-style-type: none"> Go to www.cme.facs.org. Use a kiosk in the McCormick Place West or access offsite at your convenience. You will need your name badge with your REG ID number or ACS ID number. 	X	X
Complete each session evaluation.	X	X
Complete posttest and achieve a minimum score of 75%	N/A	X
After attending your last activity at the Clinical Congress, complete Global Evaluation online no later than December 1, 2015 .	X	X
After the online Global Evaluation is completed, your certificate will be available online.**	X	X

** Except certain Postgraduate Courses

ACS Division of Education Model for Verification of Knowledge and Skills

The American College of Surgeons Division of Education has designed a 5-Level Model for Verification and Documentation of Knowledge and Skills following participation in education and training programs of the College. This model has been approved by the American College of Surgeons Board of Regents and is being used across the education and training programs of the College. The Didactic/Experiential Courses and Surgical Skills Courses being offered at the Clinical Congress have been especially designed to offer opportunities to earn Verification Credits based on the requirements for each level within this model. Each course has been assigned a Verification Level of I, II, or III, and following satisfactory completion of the requirements, an appropriate certificate will be provided to the attendees.

		Requirement(s)
Level I	Verification of attendance	Affirmation of attendance/course ticket; and course evaluation
Level II	Verification of satisfactory completion of course objectives	Use of pre- and posttest* and course evaluation
Level III	Verification of knowledge and skills	Formal assessment through pre- and posttest* AND skills report card; and course evaluation
Level IV	Verification of preceptor experience	Not available at Clinical Congress
Level V	Verification of satisfactory patient outcomes	Not available at Clinical Congress

* A passing score of 75 percent or higher is required on the posttest.

All Postgraduate Courses with a designated Verification Level of II and III include a Self-Assessment component that helps to address Maintenance of Certification (MOC) Part 2 needs. All requirements of these Postgraduate Courses, as outlined above, must be completed in order to receive *AMA PRA Category 1 Credit(s)*[™] and to count for Self-Assessment Credit toward Part 2 of the ABS MOC Program.

Verification of completion of all requirements for Postgraduate Courses will be completed following the conclusion of Clinical Congress. Please allow up to four to six weeks for notification to claim certificates.

Global Evaluations

Completion of a Global Evaluation is required to claim CME credit, earn Self-Assessment Credit and Credit to Address Regulatory Mandates, as well as to generate a CME certificate. The Global Evaluation must be completed after you have attended your last activity at the Clinical Congress and must be completed by December 1, 2015.

Certificates

CME Certificates are available online following completion of the session evaluations and the Global Evaluation. Go to www.cme.facs.org at your convenience and log in using the REG ID number or ACS ID number on your name badge. Off-site you will be able to print the Clinical Congress 2015 CME Certificate, as well as a transcript of all sessions you have attended. A number of Postgraduate Courses have additional requirements that require verification following the conclusion of Clinical Congress. Allow up to four to six weeks for notification to claim certificates for these courses. Certificates of Attendance are available online. For additional information, visit the MyCME Booth located on the Central Concourse in McCormick Place West.

MyCME Booth Hours

The MyCME Booth is located on the Central Concourse in McCormick Place West. Hours of operation are:

Sunday, October 4 7:00 am – 5:00 pm
 Monday, October 5 7:00 am – 6:00 pm
 Tuesday, October 6 7:00 am – 6:00 pm
 Wednesday, October 7 7:00 am – 6:00 pm
 Thursday, October 8 6:30 am – 12:00 noon

For additional information on how to claim CME Credit or earn Self-Assessment Credit, read the instructions at www.cme.facs.org, call the MyCME office after Clinical Congress at 866-918-4799 or 312-202-5430, or e-mail us at mycme@facs.org. Fellows and Associate Fellows can access their CME Certificates online at www.facs.org.

ACS Disclosure Policy

In accordance with the Accreditation Council for Continuing Medical Education Accreditation Criteria, the ACS must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. Members of the Program Committee were required to disclose all financial relationships, and speakers were required to disclose any financial relationship that is pertinent to the content of their presentations. All reported conflicts are managed by a designated official to ensure a bias-free presentation. However, if you perceive a bias during a session, please report the circumstances on the session evaluation form. Additional information regarding the ACS disclosure process and the complete disclosure list for this meeting can be found on page 196.

Acknowledgement

The ACS acknowledges the following companies for their assistance in providing an educational grant and/or the use of equipment during the Surgical Skills Courses programs:

3Dmed, ACUTE Innovations, Applied Medical Resources, Corp., BK Medical, Boston Scientific, CAE Healthcare, Cook Medical, Covidien, DePuy Synthes, Ethicon-Endo Surgery, Focal Therapeutics, Fujifilm Sono Site, GE Healthcare, Hitachi Aloka Ultrasound, Ltd., Inuity, Karl Storz, Kimberly-Clark, Kyoto Kagaku, Medtronic, MedXpert, Minimally Invasive Devices, Inc., Olympus Corporation, Ovesco Endoscopy USA, Inc., Symbionix-3D-Med, Stryker, Terason Ultrasound, and Zonare.

ACS Resource Center

The ACS Resource Center will be open during the following hours:

Monday through Wednesday,
 October 5 – 7 9:00 am – 4:30 pm

All attendees are invited to make time during the meeting to visit the ACS Resource Center located in McCormick Place West, Hall F2. From updating online member profiles to ordering the latest educational products, the ACS Resource Center offers information on a wide variety of programs, products, and services available to ACS Members and meeting attendees. Exhibits include:

- ACS Archives
- ACS Merchandise
- ACS National Surgical Quality Improvement Program (ACS NSQIP®)
- ACS website and communities
- Advanced Trauma Life Support Course® (ATLS®)
- Advocacy and Health Policy
- Cancer Programs
- Children's Surgery Verification Quality Improvement Program
- Division of Education
- E-Posters of Exceptional Merit
- ACS Fundamentals of Surgery Curriculum®
- *Journal of the American College of Surgeons (JACS)*
- Member Services
- Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program
- MyCME Booth (Locations will also be spread throughout McCormick Place West)
- Operation Giving Back
- Patient education
- Photo and public profile
- *Selected Readings in General Surgery (SRGS®)*
- *ACS Surgery News*
- Surgeon Specific Registry
- *Surgical Education and Self-Assessment Program (SESAP®)*
- Trauma Programs
- Webcast sales (available at the Division of Education Booth and in the Webcast sales booth in the Central Concourse).

The following ACS exhibits will be located at the McCormick Place West, Central Concourse:

- ACS Foundation Hospitality Center
- ACS-PA-SurgeonsPAC
- Become a Member/Member Services

These exhibits will be open:

Sunday, October 4 7:00 am – 6:00 pm
 Monday, October 5 6:30 am – 5:00 pm
 Tuesday, October 6 7:00 am – 4:00 pm
 Wednesday, October 7 7:00 am – 4:00 pm
 Thursday, October 8 7:00 – 10:00 am

CompuLEAD Recording System

To expedite your visits with the exhibitors, the College continues to use the enhanced LEAD retrieval system that has been used in past years. To receive information from a company, present your badge to the sales representative. The bar code that contains your contact information will be scanned through the data recorder, and the exhibitor will have the information to instantly fill your request.

Fire and Safety

The ACS complies with all local, state, and federal safety regulations. The ACS reserves the right to limit attendance in sessions to a number deemed safe by local fire and safety officers. In keeping with municipal codes, smoking is prohibited in public meeting facilities.

Taste of the City

Join us for ACS Taste of the City—Wednesday, October 7, 5:00 – 7:00 pm at McCormick Place, Room W375DE—for an opportunity to experience Chicago's diverse dining and cultural scene and to network with ACS leaders and members.

Bring your appetite and plan to enjoy live music, activities, and camaraderie with ACS leaders, staff, friends, colleagues, and family members. This event is complimentary for Clinical Congress attendees and all are invited.

Plan to move seamlessly from your Wednesday education sessions to ACS Taste of the City. The shuttle bus schedule will be extended to accommodate your participation in this event and allow family members to join you. Casual dress is encouraged.

Initiates'/Fellows' Photography Studio

The studio will be located in the McCormick Place West, Central Concourse, and will be accessible during the following hours:

Sunday, October 4 8:00 am – 9:00 pm
Monday, October 5 8:00 am – 4:00 pm
Tuesday, October 6 8:00 am – 4:00 pm
Wednesday, October 7 8:00 am – 4:00 pm
Thursday, October 8 8:00 am – 12:00 noon

Cell Phones/Pagers

As a courtesy to your colleagues, please silence cell phones and pagers while in the scientific session rooms.

Wi-Fi Information

Free Wi-Fi will be available in all of the public areas and meeting rooms at McCormick Place West for basic browsing and checking e-mail. Complimentary Internet service is available in the lobby of the Hilton Chicago, the headquarters hotel for the Clinical Congress.

Help and Information Kiosks

Help and Information Kiosks will be located throughout the McCormick Place West and will be available during registration hours. Inquiries concerning the Clinical Congress may be made at these kiosks.

Housing Information Desk

Representatives from the ACS Official Housing Agency, OnPeak (formerly Travel Planners), and the International Group Housing will be available to answer any questions you may have regarding your hotel reservations, as well as be able to modify your current reservation or make new reservations as needed. The Housing Information Desk is located in the McCormick Place West, and will be open during registration hours by phone at 312-949-8872. If you need assistance during non-registration hours, an OnPeak representative will be available at 917-364-6153.

Make your hotel reservation for the 2016 ACS Clinical Congress in Washington, DC, at the Housing Information Desk. Representatives will be available to answer any questions you have pertaining to participating hotels.

Bistro ACS

Grab lunch and network with exhibitors and your colleagues at Bistro ACS in the Exhibit Hall of McCormick Place West, Hall F2, Monday, October 5, through Wednesday, October 7. Bistro ACS provides an excellent opportunity for uninterrupted face-to-face time between attendees and exhibiting companies.

Bistro ACS offers assorted menu items, including several fresh and healthy options, international cuisine, and regional favorites. It is reasonably priced for an all-inclusive lunch buffet; \$25 includes lunch, beverages, dessert, and tax. Bistro ACS also provides attendees with express seating and is conveniently located so that you can enjoy a quick and delicious lunch. Tickets can be purchased daily at the Bistro ACS booth at the McCormick Place West, Central Concourse or purchased online at www.bistroACS.com.

Breaks

Congress-wide breaks are scheduled for 9:30 am, 11:15 am, and 4:00 pm on Monday; 7:45 am, 9:30 am,

2:15 pm, and 4:00 pm on Tuesday and Wednesday; and 7:45 am and 9:30 am on Thursday. At these times, all sessions, except Postgraduate Courses, will have a 15-minute break. On Monday, an extended break is scheduled between 1:00 and 2:30 pm, and Tuesday and Wednesday between 11:15 am and 12:45 pm.

Update your FACS Profile

Visit the Photo and Public Profile booth in the ACS Resource Center to get a complimentary photo, and be sure to take advantage of this opportunity to work with staff to update your member profile on the ACS website. The ACS Find a Surgeon site helps the public connect with qualified surgeons by providing access to College member profiles. Your personalized profile can include information about your practice site, medical school, residency, fellowships, and areas of special interest and expertise. Every time your profile is accessed, you will receive an e-mail to let you know. Take advantage of this opportunity to ensure your profile is current.

Clinical Congress News

The official annual meeting newspaper will be distributed at McCormick Place West and at major hotels each morning of the Congress. Last-minute program changes and other timely information will be announced in the newspaper. Items for publication must be delivered or phoned to the *Clinical Congress News* office at McCormick Place West before 1:00 pm on the day immediately preceding the desired date of publication. *Clinical Congress News* will also be available via the Clinical Congress app.

Scientific Forum Poster Presentations

The Scientific Forum Poster Presentations is a forum of more than 250 posters showcasing timely, innovative information and findings on original scientific research, surgical practices, and approaches.

The Scientific Forum Poster Presentations will be located at McCormick Place West Hall F2; hours will be 9:00 am to 4:30 pm, Monday through Wednesday.

Technical Exhibits

The Technical Exhibition comprises more than 200 companies displaying their products and services. The exhibition provides an excellent opportunity to explore the surgical marketplace by comparing products firsthand and planning purchases.

Technical Exhibits will be located in McCormick Place West, Hall F2, and will be open at the following times:

Monday, October 5 9:00 am – 4:30 pm
Tuesday, October 6 9:00 am – 4:30 pm
Wednesday, October 7 9:00 am – 4:30 pm

Webcasts

Look for this icon in the Scientific Program section:



Practicing Surgeons Webcast Packages

Claim CME credit and earn Self-Assessment credit for each webcast. Receive a CME certificate with Self-Assessment credit upon successful completion of viewing the webcast and completing the posttest.

Resident Webcast Packages

Resident webcast packages allow users to do the following:

- View webcasts on demand
- Individualize your education
- Receive a certificate of completion

Choose one of the following three webcast packages:

2015 Complete Package

Access all 118 webcast sessions from 2015 Clinical Congress and MP3 audio recordings of all Named Lectures and most Panel Sessions. More than 175 CME credits and more than 175 Self-Assessment Credits available for practicing surgeons.

2015 Webcast Package

Access all 118 webcast sessions from Clinical Congress 2015.

Webcast Pick 25 of 2015

Select 25 of the 118 Webcast sessions from Clinical Congress 2015.

For more information, visit www.facs.org/clincon2015/register or contact Olivier Petinaux at 866-475-4696 or elarning@facs.org.

Shuttle Bus Service

The ACS provides complimentary shuttle bus service between designated hotels in the ACS block and the McCormick Place West. The complimentary shuttle bus service will run on the following schedule:

Sunday, October 4 6:30 am – 6:00 pm*
Monday, October 5 6:30 am – 6:15 pm
Tuesday, October 6 5:30 am – 6:15 pm**
Wednesday, October 7 6:30 am – 7:15 pm
Thursday, October 8 6:30 am – 11:45 am

*On Sunday, October 4, Shuttle Service will run additionally from 8:00 pm – 9:45 pm from McCormick Place West to hotels on all routes to accommodate Convocation attendees and participants.

****Limited early service provided for satellite symposia attendees on all routes.**

Frequency will be every 15 to 20 minutes.

NOTE: Shuttle bus times and routes are subject to change. Check your hotel lobby for the most up-to-date schedule and routes. For hotel shuttle information or special needs transportation, call 877-875-2455.

First Aid Facilities/ Lactation Room

The first aid office/lactation room will be located in McCormick Place West, street level, near the shuttle bus transportation center.

The telephone number will be published in the *Clinical Congress News*. The hours of operation are as follows:

Sunday, October 4	7:00 am – 6:00 pm
Monday, October 5	6:30 am – 6:00 pm
Tuesday, October 6	7:00 am – 6:00 pm
Wednesday, October 7	7:00 am – 6:00 pm
Thursday, October 8	7:00 am – 5:00 pm

Children

The ACS policy regarding children is as follows:

- Children under 12 years of age are not permitted on tours
- Children under 16 years of age are not permitted on exhibit floor or in scientific sessions
- Children ages 16 and older must have a badge to enter exhibit area or meeting rooms

This policy includes infants in strollers and arms. See page 14 for information on the ACS child care program, Camp ACS.

Friends of Bill W.

Friends of Bill W. will meet Monday, October 5 through Wednesday, October 7, 7:00 pm – 8:30 pm, at the Hilton Chicago, Lake Ontario Room, 8th Floor.

Lost and Found

Lost and Found areas are located in the ACS Convention Office at the Hilton Chicago and in the Convention and Exhibit Office at McCormick Place West, Central Concourse.

Prayer Room

A prayer room will be available during the meeting and will be located at McCormick Place West, Room W177.

Speaker Ready Room

The Speaker Ready Room is located at McCormick Place West. Days and hours of operation are as follows:

Saturday, October 3	7:30 am – 4:00 pm
Sunday, October 4	7:00 am – 5:00 pm
Monday, October 5	6:30 am – 6:00 pm
Tuesday, October 6	6:30 am – 6:00 pm
Wednesday, October 7	6:30 am – 6:00 pm
Thursday, October 8	6:30 – 11:00 am

All speakers should visit the Speaker Ready Room at least four hours before their presentation time to verify the receipt of presentations. Speakers who have not yet submitted their presentations via the advance submission website or who have audio and/or video clips must check in to ensure the proper loading and integrity of presentations.

ACS Logo Merchandise

ACS exclusive logo merchandise will be available for purchase at the Logo Merchandise Booth located at McCormick Place West, Hall F2. The hours of operation are as follows:

Monday, October 5	9:00 am – 4:30 pm
Tuesday, October 6	9:00 am – 4:30 pm
Wednesday, October 7	9:00 am – 4:30 pm

Alumni and Ancillary Event Bulletin Board

Space is provided to post information for meetings, job opportunities, seminars, and other information of interest. The event bulletin board is located at McCormick Place West, Central Concourse.

Future Meetings

2016	Washington, DC	October 16–20
2017	San Diego, CA	October 22–26
2018	Boston, MA	October 21–25

Guest Registration

Guests may register on-site for an \$85 nonrefundable fee. All guest registrants must be accompanied by a Scientific Program registrant of another category. Guest registration is for nonmedical attendees only. Guests are ineligible for CME credits or a Certificate of Attendance, and they may not attend Postgraduate Courses or Meet-the-Expert Luncheons.

Guest registrants may attend scientific sessions, view the technical and scientific exhibits, purchase event tickets, and use the shuttle service. Guest registrants also receive a tote bag containing local information and a gift.

On-site guest registration and additional tour tickets (based on availability) may be purchased at the on-site Registration area in McCormick Place West, Central Concourse, and at the Guest Registration Desk at the Hilton Chicago, Stevens Salon B, Ballroom Level, during the registration hours below.

McCormick Place West, Central Concourse

Sunday, October 4 7:00 am – 6:00 pm
Monday, October 5 6:30 am – 5:00 pm
Tuesday, October 6 7:00 am – 4:00 pm
Wednesday, October 7 7:00 am – 4:00 pm
Thursday, October 8 7:00 – 10:00 am

Hilton Chicago, Stevens Salon B, Lower Level

Saturday, October 3 1:00 – 5:00 pm
Sunday, October 4 8:00 am – 5:00 pm
Monday, October 5 8:00 am – 5:00 pm
Tuesday, October 6 8:00 am – 5:00 pm

Tour Departures

Important note: All tours will depart from and return to the Hilton Chicago. Please meet in the lobby, unless otherwise indicated. For your comfort, we strongly recommend comfortable walking shoes for all tours. Unless otherwise indicated, lunch is included in the price of the tour.

Children under 12 years of age are not permitted on tours unless otherwise indicated. All children 12 years and older must be accompanied by an adult.

Refund Policy

The Guest Registration fee is nonrefundable. The tour cancellation deadline has passed and no refunds for cancellation can be given due to commitments made. This policy is strictly enforced.

Child Policy

Children under 12 years of age may not participate in tours. This restriction includes infants in arms or strollers. Tour tickets for children 12 years or older may be ordered as additional tickets on the parent's guest registration form. Please note on the form that the extra tickets are for children and list their full names and ages. Young adults ages 16 and older must be registered as guests and pay the registration fee to participate in Congress activities. Please note that the ACS reserves the right to refuse boarding of a tour bus by anyone not complying with our age restrictions.

Camp ACS

ACCENT on Children's Arrangements Inc. is partnering with the ACS to provide an exciting on-site children's program tailored especially for the children of ACS Members. Children ages six months to 17 years are welcome to participate in Camp ACS.

Camp ACS is located at the Hilton Chicago. On-site registration will be available on a space-available basis.

ACCENT will serve juice and healthy snacks. Parents and guardians will be responsible for their children's meals. Lunch hour is from 12:00 noon to 1:00 pm.

Hours of operation:

Sunday, October 4, to Wednesday, October 7
7:30 am – 10:00 pm

If you have questions, stop by the Camp ACS registration desk, or call the hotel at (312) 922-4400 and ask to be connected to the Camp ACS desk.

Sessions-at-a-Glance by Day

Key to Session/Course Codes

DEC	Didactic/Experiential Course
ME	Meet-the-Expert Luncheon
NL	Named Lecture
PS	Panel Session
SF	Scientific Forum
SI	Special Interest Session
SSC	Surgical Skills Course
TH	Town Hall Meeting
VE	Video-Based Session

Location Abbreviations

HC	– Hilton Chicago
HMPCC	– Hyatt McCormick Place Conference Center
S	– McCormick Place South
W	– McCormick Place West
NU SIM	– Northwestern Simulation
GCSI	– Grainger Center for Simulation and Innovation

\$ indicates that additional fees and registration apply

Ⓜ indicates a webcast session (webcast package available for purchase)


🔊 indicates an Audio session

E Ethics PA Palliative Care PM Pain Management

PtS Patient Safety Credit available T Trauma/Critical Care

SA Self-Assessment Credit available

SATURDAY, OCTOBER 3			Designated Tracks			Page No.	Location	
8:00 - 3:30	DEC01	Review of the Essentials of Vascular Surgery	VAS			55	W180	\$
8:30 - 4:00	DEC02	Emergency General Surgery Update 2015	GEN	RUS	TRA	56	W185	\$, PtS, T
8:30 - 5:30	SSC02	Advanced Skills Training for Rural Surgeons: Laparoscopic Bile Duct Exploration and Facial Lacerations	GEN	PLA	RUS	65	NU SIM	\$
9:00 - 1:15	DEC03	Fundamental Use of Surgical Energy (FUSE)	GEN			56	W184D	\$, PtS
10:00 - 5:30	SSC01	Bariatric Surgery: Managing Complications—Skills and Strategies	GEN			64	W184A	\$, PtS
10:00 - 5:15	SSC03	Oncoplastic Breast Surgery for the General Surgeon	GEN	ONC		65	NU SIM	\$
SUNDAY, OCTOBER 4			Designated Tracks			Page No.	Location	
8:00 - 3:30	DEC04	Trauma Update 2015	NEU	TRA		57	W185	\$, T
8:00 - 12:15	SSC04A	Surgical Endoscopy: Advancing Minimally Invasive Surgery and Retooling Our Workforce (Lecture Only)	GEN			66	W181	\$, PtS
8:00 - 5:30	SSC04B	Surgical Endoscopy: Advancing Minimally Invasive Surgery and Retooling Our Workforce (Lecture and Lab)	GEN			66	W181	\$, PtS
8:30 - 4:00	DEC05	Office and Hospital Coding: What to Bill? How to Document and Appeal?: 2015 Basic Coding Workshop	HP			57	W187A	\$
8:30 - 4:30	DEC06	Surgical Education: Principles and Practice	EDU			58	W180	\$
8:30 - 5:15	SSC05	Practical Applications of Ultrasonography in the Intensive Care Unit (Echocardiography)	EDU	TRA		67	W183A	\$, T
9:00 - 2:15	SSC06	Rib Plating	GEN	TRA		67	W184D	\$, T
9:00 - 4:30	DEC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care	EDU	INFO		58	W184A	\$, PtS
11:30 - 3:00	SI02	Focus on RAS-ACS	RES/MED			41	W196A	
11:30 - 6:00	SI01	Medical Student Program (Day I)	RES/MED			41	W190	
3:00 - 5:30	SI03	Resident and Associate Society (RAS) Symposium—Social Media: Threat to Professionalism and Privacy, or Essential for Current Surgical Practice?	RES/MED			41	W193	
6:00 - 8:00		Convocation				41	W375DE	
MONDAY, OCTOBER 5			Designated Tracks			Page No.	Location	
8:00 - 9:00		Opening Ceremony				42	W375DE	
9:00 - 9:30	NL01	Martin Memorial Lecture Sponsored by the American Urological Association	GEN	INT	URO	42	W375DE	🔊
9:45 - 10:45	NL02	John H. Gibbon, Jr., Lecture	CTS			51	W375B	🔊
9:45 - 11:15	PS100	Frailty Indices as Indicators of Risk in Surgery for the Geriatric Patient	ETH	GEN	GER	77	W375A	🔊 Ⓜ PtS
9:45 - 11:15	PS101	Metabolic Surgery: Understanding a Surgical Solution to an Epidemic	BTR	GEN		77	W179	🔊 Ⓜ
9:45 - 11:15	PS102	Entrustable Professional Activities and Milestones: New Strategies for Surgical Teaching in the Operating Room	EDU	RES/MED		77	W194	🔊 Ⓜ
9:45 - 11:15	PS103	Novel Treatments for Gastroesophageal Reflux Disease	CTS	GEN	RUS	78	W196BC	🔊 Ⓜ

9:45 - 11:15	PS104	Lower Gastrointestinal Bleeding: Diagnostic Workup and Evidence-Based Interventions	CRS	GEN	TRA	78	W375DE	 
9:45 - 11:15	PS105	Lumps and Bumps: Current Management of Soft-Tissue Sarcomas	GEN	ORT	ONC	78	W375C	 
9:45 - 11:15	SF01	Pediatric Surgery I	PED			117	W470B	
9:45 - 1:00	SF02	Bariatric/Foregut I	BTR			118	W193	
9:45 - 1:00	VE01	Cardiothoracic Surgery	CTS			156	W176	
9:45 - 1:00	VE02	Colon and Rectal Surgery I	CRS			157	W475	
9:45 - 1:00	VE03	General Surgery I	GEN			157	W178	
9:45 - 1:15	VE04	Subject-Oriented Symposium I: Atlas Showcase—Liver Volume	GEN			158	W175	
9:45 - 5:15	DEC08	Challenges in General Surgery Coding and Reimbursement: 2015 Advanced Coding Workshop	HP			59	W180	\$
9:45 - 5:15	SSC07	Ultrasound for Pediatric Surgeons	GEN	PED		68	W183A	\$
10:00 - 5:00	DEC09-1	General Surgery Review Course	GEN	TRA		60	W185	\$
10:00 - 5:00	DEC10	Practical Communication Skills for Difficult Patient Encounters	EDU	ETH	GEN	61	W187BC	\$, E
10:00 - 5:15	SSC08	Endovascular Skills for Hemorrhage Control	VAS			68	GCSI	\$, T
10:00 - 6:00	SI04	Surgery Resident Program: Starting Surgical Practice: Essentials for Success	RES/MED			42	W192	
11:30 - 1:00	PS106	Penetrating Abdominal Trauma: Lessons from Military and Civilian Settings	TRA			78	W375DE	  T
11:30 - 1:00	PS107	Controversies in Breast Screening: What Is a Surgeon to Do?	GEN			79	W179	 
11:30 - 1:00	PS108	Contemporary Management of Complicated Diverticulitis: Concepts and Controversies	CRS	GEN	TRA	79	W375C	 
11:30 - 1:00	PS109	Fatigue and the Surgeon—Monitoring, Regulation, and Professionalism	EDU	GEN	RUS	79	HMPCC Grant Park CD	  E, PtS
11:30 - 1:00	PS110	Enhanced Recovery Protocols for Gastrointestinal Surgery: The Surgical Multimodal Accelerated Recovery Trajectory (SMART) Approach	GEN	RUS		80	W375B	  PtS
11:30 - 1:00	PS111	Controversies in the Management of Localized Prostate Cancer	URO			80	HMPCC Grant Park AB	 
11:30 - 1:00	PS112	Thyroid Nodules: What Am I Supposed to Do?	GEN	OTO		80	W375A	 
11:30 - 1:00	PS113	Controversies in the Management of Gastroesophageal Reflux in Children	GEN	PED		81	W181	 
11:30 - 1:00	SF03	Colon and Rectal Surgery I	CRS	ONC		119	W196BC	
11:30 - 1:00	SF04	Surgical Education I	EDU			119	HMPCC Prairie B	
11:30 - 1:00	VE05	Otolaryngology—Head and Neck Surgery	OTO			158	W184D	
11:30 - 1:00	VE06	Trauma	TRA			158	W470B	T
1:00 - 5:15	SSC09	Advanced Colonoscopy Skills Course: New Interventions and Frontiers	CRS	RUS		69	W184A	\$
12:45 - 6:00	SI05	Medical Student Program (Day II)	RES/MED			43	W194	
1:15 - 2:15	ME101	Antireflux Gadgets and Gimmicks	GEN			74	HMPCC Adler B	\$
1:15 - 2:15	ME102	Approaches to Nipple-Sparing Mastectomy	GEN	ONC		74	HMPCC Jackson Park A	\$
1:15 - 2:15	ME103	Fixation of Rib Fractures	GEN	TRA		74	HMPCC Jackson Park B	\$, T
1:15 - 2:15	ME104	Diversifying Your Surgical Career	EDU			74	HMPCC Field BC	\$
1:15 - 2:15	ME105	Evaluation and Management of Pancreatic Cysts	GEN			74	HMPCC Hyde Park B	\$
1:15 - 2:15	ME106	Genitourinary Trauma	TRA	URO		74	HMPCC Burnham A	\$, T
1:15 - 2:15	ME107	Integrating New Technology into Surgical Practice	EDU	INFO		74	HMPCC Field A	\$, E, PtS
1:15 - 2:15	ME108	Medullary Thyroid Carcinoma: What Do You Need to Know?	GEN	OTO	ONC	74	HMPCC Burnham BC	\$
1:15 - 2:15	ME109	How to Write a Successful Patient-Centered Outcomes Research Institute (PCORI) Grant	BTR	GEN	ONC	74	HMPCC Clark BC	\$
1:15 - 2:15	ME110	Nonoperative Management of Appendicitis	GEN			74	HMPCC DuSable BC	\$
1:15 - 2:15	ME111	Opioid Prescribing: Striking the Balance between Patient Care and the Law	ETH	GEN	GER	74	HMPCC Adler A	\$, E, PA
1:15 - 2:15	ME112	Optimizing Outcomes in Liver and Pancreatic Surgery	GEN	ONC		74	HMPCC Hyde Park A	\$
1:15 - 2:15	ME113	Pediatric Urology	PED	URO		74	HMPCC Clark A	\$
1:15 - 2:15	ME114	Practical Tips for Thyroidectomy	GEN			74	HMPCC Jackson Park C	\$

1:15 - 2:15	ME115	Quality Improvement in Your Cancer Program	HP	ONC		74	HMPCC DuSable A	\$
1:15 - 2:15	ME116	Treatment Options for Anal Fissure	CRS			74	HMPCC Jackson Park D	\$
1:15 - 2:15	PS130	<i>The Lancet</i> Commission on Global Surgery: Evidence and Solutions for Achieving Health, Welfare, and Economic Development	INT	HUM		81	W176	⚙️ W
2:30 - 3:30	NL03	Charles G. Drake History of Surgery Lecture	NEU			51	W375B	⚙️
2:30 - 4:00	PS114	Top Gear—Innovations for Daily Use in the Life of a Surgeon	INFO			81	W178	⚙️ W PtS
2:30 - 4:00	PS115	Functional Ergonomics for Surgeons: Protect Your Neck and Your Career	EDU	HP	VAS	82	W375A	⚙️ W
2:30 - 4:00	PS116	Initiates' Program: The Surgical Career, the Joys, the Struggles, and the Rewards	EDU	RES/MED		82	W175	⚙️ W
2:30 - 4:00	PS117	Geriatric Trauma: Low-Energy, High-Morbidity, and Mortality Injuries	GER	RUS	TRA	82	W179	⚙️ W T
2:30 - 4:00	PS118	Head and Neck Cutaneous Malignancies	OTO			83	W176	⚙️ W
2:30 - 4:00	PS119	Controversies and Current Management of Acute Large Bowel Obstructions	CRS	GEN	RUS	83	W375DE	⚙️ W
2:30 - 4:00	PS120	Acute Cholecystitis and the Common Duct Stone: Oh, the Pain!	GEN	RUS	TRA	83	W375C	⚙️ W T
2:30 - 4:00	SF05	Quality, Safety, and Outcomes I	HP			120	HMPCC Prairie B	PtS
2:30 - 4:00	VE07	Orthopaedic Surgery	ORT			159	W184D	
2:30 - 5:45	PS121	Latin America Day	GEN	INT		83	HMPCC Grant Park CD	
2:30 - 5:45	SF06	Cardiac Surgery	CTS			120	W181	
2:30 - 5:45	SF07	General Surgery I	GEN			121	W196BC	
2:30 - 5:45	SF08	Global Surgery	HUM			122	W470B	
2:30 - 5:45	SF09	Hepatobiliary and Pancreas I	GEN			123	HMPCC Grant Park AB	
2:30 - 5:45	SF10	Surgical Education II	EDU			124	W471A	
2:30 - 5:45	SF11	Surgical Oncology I	ONC			125	W470A	
2:30 - 5:45	SF12	Urological Surgery I	URO			126	W193	
2:30 - 5:45	VE08	Unusual and Challenging Problems in Surgery	GEN			159	W475	
4:00 - 5:45	SI06	Young Fellows Association (YFA) Program				43	W187A	
4:15 - 5:00	NL04	I.S. Ravdin Lecture in the Basic and Surgical Sciences	BTR	GEN	ONC	51	W179	⚙️
4:15 - 5:45	PS122	Holes in Places They Shouldn't Be: Approaches to the Acute Abdomen	GEN	RUS	TRA	84	W375B	⚙️ W PtS, T
4:15 - 5:45	PS123	Dealing with Complications of Pelvic Surgery	CRS	OBG	URO	84	W375C	⚙️ W T
4:15 - 5:45	PS124	Personal Challenges in a Professional Career	EDU			84	HMPCC Prairie B	⚙️ W
4:15 - 5:45	PS125	Quality: WHO Checklist, SCIP Measures: How to Simplify and Implement Them Globally in Countries with Limited Resources	EDU	INT		85	W178	⚙️ W PtS
4:15 - 5:45	PS126	Modern Management of the Mangled Extremity	ORT	TRA	VAS	85	W175	⚙️ W T
4:15 - 5:45	PS127	Adult Neck Mass: Contemporary Evaluation and Treatment Strategies	OTO	RUS		85	W375A	⚙️ W
4:15 - 5:45	PS128	Ophthalmic Trauma in the ER, in the OR, and on the Battlefield	OPHTHO	RUS	TRA	85	W176	⚙️ W T
4:15 - 5:45	PS129	Laparoscopic Ventral Hernia Repair: Which Mesh Should I Fetch?	GEN	RUS		86	W375DE	⚙️ W
4:15 - 5:45	VE32	Plastic Surgery	PLA			159	W184D	
5:30 - 9:00	SI07	Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students	RES/MED			44	S102	
6:30 - 8:30	VE09	Clinical Workshop through Video	GEN			160	HC Stevens A5	
TUESDAY, OCTOBER 6			Designated Tracks			Page No.	Location	
7:00 - 7:45	TH01	Development of a Rural Track in Residency	RES/MED	RUS		47	W176	
7:00 - 7:45	TH02	Surgical Education Around the World	EDU	INT		47	W178	
7:00 - 7:45	TH03	Do You Want (or Need) the Sales Rep in Your OR?	ETH			47	W470A	PtS

7:00 - 7:45	TH04	The Surgeon Specific Registry (SSR): Maintenance of Certification (MOC), Physician Quality Reporting System (PQRS) and Other Mandates	HP	EDU		47	W375A	PtS
7:00 - 7:45	TH05	Changes in Medical Malpractice Law: Disclosure, Apology, and Offer	GEN	GER		47	W179	E, PtS
7:00 - 7:45	TH06	Preserving and Advancing Surgical Education in a World with No Time	CRS	EDU		48	W175	
7:00 - 7:45	TH07	Developing and Participating in State and Regional Quality Improvement Consortia: How to Improve Your Delivery of Care	CTS	HP		48	W470B	PtS
7:00 - 7:45	TH08	Maintenance of Certification: An Important Area for Our Fellows and Members to Understand	GEN	HP		48	W475	
8:00 - 9:00	NL05	Herand Abcarian Lecture	CRS			52	W179	
8:00 - 9:00	SI08	Scientific Forum Dedication/Excellence in Research Awards	RES/MED			44	W193	
8:00 - 9:30	PS200	Integrated Surgical Management of Metastatic Breast Cancer	CTS	GEN	PLA	86	W375B	
8:00 - 9:30	PS201	Quality Assessment in Surgery	EDU			86	W375A	PtS
8:00 - 9:30	PS202	Dealing with the Failed Intestinal Anastomosis	CRS	RUS	TRA	87	W375C	T
8:00 - 9:30	PS203	Patient-Centered Outcomes Research: What Is It and How to Do It	BTR	GEN	ONC	87	W175	PtS
8:00 - 9:30	PS204	The Bad Infections: Tools to Keep Ahead of Difficult Infections and Resistant Organisms	GEN	RUS	TRA	87	W196BC	T
8:00 - 9:30	PS205	Lung Cancer Quality Improvement: Using ACS NSQIP® to Improve Cancer Care Quality	CTS	ONC		88	W176	PtS
8:00 - 9:30	PS206	Novel Ways to Prevent Incisional Hernias and Adhesions	GEN	RUS		88	W375DE	
8:00 - 9:30	SF13	Obstetrics and Gynecology	OBG			126	W474B	
8:00 - 9:30	SF14	Surgical Education III	EDU			127	W471B	
8:00 - 9:30	VE10	Pancreas Surgery	GEN			160	W178	
8:00 - 11:15	PS207	Spectacular Cases	RES/MED			88	HMPCC Prairie B	
8:00 - 11:15	SF15	Ethics	ETH	GEN		127	W470A	E
8:00 - 11:15	SF16	Pediatric Surgery II	PED			128	W470B	
8:00 - 11:15	SF17	Quality, Safety, and Outcomes II	HP			129	W187A	PtS
8:00 - 11:15	SF18	Thoracic Surgery	CTS			129	HMPCC Grant Park CD	
8:00 - 11:15	SF19	Transplantation and Tissue Engineering I	BTR			130	W471A	
8:00 - 11:15	SF20	Trauma I	GEN	TRA		131	W194	T
8:00 - 11:15	SF21	Vascular Surgery I	VAS			132	HMPCC Grant Park AB	
8:00 - 11:15	VE11	International Video Session	GEN	INT		161	W475	
8:00 - 11:30	SSC10A	Laparoscopic Inguinal and Ventral Hernia Repair (Lecture Only)	EDU	GEN		69	W181	\$
8:00 - 4:00	DEC09-2	General Surgery Review Course	GEN	TRA		60	W185	\$
8:00 - 4:45	SSC10B	Laparoscopic Inguinal and Ventral Hernia Repair (Lecture and Lab)	EDU	GEN		69	W181	\$
8:30 - 4:00	DEC11	Improving Patient Safety and Team Performance in Your OR: The Non-Technical Skills for Surgeons (NOTSS) System	EDU			61	W180	\$, PtS
8:30 - 5:45	SSC11	Advanced Hepatopancreaticobiliary (HPB) Ultrasound	GEN	ONC		70	W183A	\$
9:00 - 1:15	SSC12	Performing Total Mesorectal Excision (TME)	CRS			71	W184A	\$
9:45 - 10:45	NL06	Excelsior Surgical Society/Edward D. Churchill Lecture	GEN			52	W196BC	
9:45 - 11:15	PS208	Should That Surgeon Be Operating?	EDU	GEN		89	W176	E, PtS
9:45 - 11:15	PS209	Current Controversies in Surgical Oncology	GEN	ONC		89	W375A	
9:45 - 11:15	PS210	Button Batteries and Magnets: Ingestion of Foreign Bodies	OTO	RUS		89	W375C	PtS
9:45 - 11:15	PS211	How to Assess Outcomes/Quality Improvement for Residents	EDU	HP	RES/MED	90	W471B	PtS
9:45 - 11:15	PS212	GE Junction Adenocarcinoma: Defying the Odds	CTS	GEN	ONC	90	W375B	
9:45 - 11:15	PS213	Do I Need to Operate on That in the Middle of the Night?	GEN	RUS	TRA	91	W375DE	PtS, T

9:45 - 11:15	SF22	Bariatric/Foregut II	BTR			133	W474B	
9:45 - 11:15	SF23	Colon and Rectal Surgery II	CRS	ONC		133	W179	
9:45 - 11:15	SF24	Orthopaedic Surgery	ORT			134	W193	
9:45 - 11:15	SF25	Urological Surgery II	URO			134	W474A	
9:45 - 11:15	VE12	Hepatobiliary Surgery I	GEN			161	W178	
9:45 - 11:15	VE13	Obstetrics and Gynecology	OBG			162	W184D	
9:45 - 11:15	VE14	Subject-Oriented Symposium II: Icons in Surgery	GEN			162	W175	
11:30 - 12:30	ME201	Addressing Chronic Pain following Inguinal Hernia Repair	GEN			75	HMPCC DuSable BC	\$, PM
11:30 - 12:30	ME202	Anorectal Surgery	CRS			75	HMPCC Jackson Park A	\$
11:30 - 12:30	ME203	Balancing an Academic Career and Personal Needs	BTR	EDU	RES/MED	75	HMPCC DuSable A	\$
11:30 - 12:30	ME204	Breast Cancer Management in 2015	GEN	ONC		75	HMPCC Clark BC	\$
11:30 - 12:30	ME205	Caring for Patients Who Are Jehovah's Witnesses	EDU	ETH		75	HMPCC Adler A	\$, E, PA, PtS
11:30 - 12:30	ME206	Complex Abdominal Trauma	GEN	TRA		75	HMPCC Jackson Park C	\$, T
11:30 - 12:30	ME207	Current Management of Thyroid Nodules	GEN	OTO		75	HMPCC Adler B	\$
11:30 - 12:30	ME208	Enteral Access for Nutrition	GEN	PED	TRA	75	HMPCC Field A	\$, T
11:30 - 12:30	ME209	Necrotizing Soft-Tissue Infections	GEN	TRA		75	HMPCC Field BC	\$, T
11:30 - 12:30	ME210	Increasing Diversity in the Surgical Workforce	BTR	GEN	RES/MED	75	HMPCC Clark A	\$
11:30 - 12:30	ME211	Informatics for Managing Surgical Workflow	HP	INFO		75	HMPCC Burnham A	\$
11:30 - 12:30	ME212	Laparoscopic Paraesophageal Hernia Repair: Still Indicated after All These Years?	CTS	GEN		75	HMPCC Hyde Park B	\$
11:30 - 12:30	ME213	Lymphedema after Breast Surgery	GEN	ONC		75	HMPCC Jackson Park B	\$
11:30 - 12:30	ME214	Neuroendocrine Tumors of the Pancreas: What Do I Need to Know?	GEN			75	HMPCC Jackson Park D	\$
11:30 - 12:30	ME215	Optimal Esophagectomy	CTS	EDU		75	HMPCC Burnham BC	\$
11:30 - 12:30	ME216	The Art and Science of Sacral Nerve Stimulation	GEN	PED	URO	75	HMPCC Hyde Park A	\$
11:30 - 12:30	PS238	Antibiotics First: A New Standard for Uncomplicated Appendicitis?	EDU	GEN		91	W375A	📍 📍
11:30 - 12:30	SI09	Posters of Exceptional Merit	GEN			44	W Hall F2	
11:30 - 12:30	SI10	Operation Giving Back Open Mic: Advocating for Surgery Around the World	INT	HUM		44	W475	
12:30 - 4:45	DEC12	Maintenance of Certification (MOC) Review: Essentials for Surgical Specialties	EDU	GEN		62	W184D	\$
12:45 - 1:30	NL07	Scudder Oration on Trauma	TRA			52	W375DE	📍 T
12:45 - 2:15	PS214	Captain to Team Player: How Do We Train Residents to Play in the Modern Sandbox?	EDU	RES/MED		91	W175	📍 📍 PtS
12:45 - 2:15	PS215	Creating the Perfect Stoma under Adverse Conditions	CRS	GEN	PED	91	W375B	📍 📍
12:45 - 2:15	PS216	Current Management of Polyposis Syndromes in the Pediatric and Adolescent Population	CRS	GEN	PED	92	W193	📍 📍 T
12:45 - 2:15	PS217	Where Does Marketing End and Conflict of Interest Begin?	BTR	EDU		92	HMPCC Prairie B	📍 📍
12:45 - 2:15	PS218	Bariatric Surgery: Prevention and Management of Complications	BTR	EDU		92	W179	📍 📍 PtS
12:45 - 2:15	PS219	Controversies in Breast Reconstruction	GEN	PLA	ONC	92	HMPCC Grant Park AB	📍 📍
12:45 - 2:15	PS220	How I Stop Bleeding	RUS	TRA	VAS	93	W375A	📍 📍 T
12:45 - 2:15	PS221	Acute Abdomen during Pregnancy	GEN	OBG	TRA	93	W375C	📍 📍
12:45 - 2:15	SF26	Pediatric Surgery III	PED			135	HMPCC Grant Park CD	
12:45 - 2:15	VE15	Neurological Surgery	NEU			162	W176	
12:45 - 2:15	VE16	Movie Classics from the Past	GEN			163	W178	

12:45 - 4:00	SF27	Quality, Safety, and Outcomes III	HP			135	W470A	PtS
12:45 - 4:00	VE17	Controversies in General Surgery	GEN			163	W475	
12:45 - 5:00	PS222	Association of Program Directors in Surgery (APDS) Panels	EDU	RES/MED		93	W196BC	
1:00 - 6:00	SI11	Medical Student Program (Day III)	RES/MED			45	W194	
2:30 - 3:30	NL08	Olga M. Jonasson Lecture	GEN			52	W179	
2:30 - 4:00	PS223	Current Treatments of Lymphedema	PLA	ONC	VAS	94	W375B	
2:30 - 4:00	PS224	Thoracic Aortic Disease Management: From the Aortic Valve to the Bifurcation	CTS	VAS		94	W471A	
2:30 - 4:00	PS225	Management of Rectourethral Fistula	CRS	URO		94	W194	
2:30 - 4:00	PS226	Avoiding Reimbursement Pitfalls: ICD-10 and Audits	HP			95	W375C	
2:30 - 4:00	PS227	Crisis Management in the Operating Room	EDU	HP	RUS	95	W375DE	 PtS
2:30 - 4:00	PS228	Chronic Pancreatitis: Current Surgical and Nonsurgical Treatment	GEN			95	W375A	
2:30 - 5:45	PS229	Ethics Colloquium: Disclosure and the Ethical Surgeon	ETH			96	W175	 E, PtS
2:30 - 5:45	SF28	Breast	GEN	ONC		136	HMPCC Grant Park AB	
2:30 - 5:45	SF29	Geriatric and Palliative Care	GER			137	HMPCC Grant Park CD	PA
2:30 - 5:45	SF30	Hepatobiliary and Pancreas II	BTR			138	W470B	
2:30 - 5:45	SF31	Plastic and Maxillofacial Surgery I	PLA			139	W193	
2:30 - 5:45	SF32	Trauma II	GEN	TRA		139	W176	T
2:30 - 5:45	VE18	General Surgery II	GEN			163	W178	
3:00 - 5:00	SI12	Chapter Speed Networking	GEN			45	W192	
4:15 - 5:45	PS230	Neoadjuvant Therapy for Breast Cancer: It's a Team Effort	GEN			96	W375B	
4:15 - 5:45	PS231	Challenging Emergency Surgery Cases: Lessons from the Experts	ETH	RUS	TRA	96	W375DE	 T
4:15 - 5:45	PS232	Pelvic Organ Prolapse: Multidisciplinary Strategies for Care	CRS	URO		97	W185	
4:15 - 5:45	PS233	Management of Trauma of the Subaxial Spine	NEU	ORT	TRA	97	W475	 T
4:15 - 5:45	PS234	Reducing Perioperative Cardiac Risk: What's the Evidence?	CTS	GEN		97	W375A	 PtS
4:15 - 5:45	PS235	CT Technology in the Evaluation of the Injured Patient: Is It Worth "Choosing Wisely" or Better to "Pan-Scan"?	PED	RUS	TRA	97	W179	 T
4:15 - 5:45	PS236	Better Outcomes through Preoperative Optimization: Getting Your Patients Strong for Surgery	GEN	HP		98	W194	 PtS
4:15 - 5:45	PS237	The Art of Medicine: Redefining the Patient Experience for Quality, Improved Outcomes, and Value				98	W181	
4:15 - 5:45	SI13	Rural Surgeons Open Forum and Oweida Scholarship Presentation	RES/MED			45	W471A	
6:30 - 8:30	VE19	Best Videos from the Past	GEN			164	HC Stevens A5	
WEDNESDAY, OCTOBER 7			Designated Tracks			Page No.	Location	
7:00 - 7:45	TH09	Women in Surgery: The Road Traveled, the Road Ahead	CRS	HP		48	W375A	
7:00 - 7:45	TH10	Finding Awe in Your Work	RUS			48	W179	
7:00 - 7:45	TH11	How to Incorporate Clinical Ethics within a Surgical Career	ETH			48	W176	
7:00 - 7:45	TH12	Metabolic and Bariatric Surgery: Accreditation Controversies	EDU	GEN		49	W175	
7:00 - 7:45	TH13	Is Current Surgical Training Adequate: Pros and Cons	EDU	RES/MED		49	W178	
7:00 - 7:45	TH14	Enhanced Reimbursement for "Premium" Surgery	HP	OPH		49	W470B	
7:00 - 7:45	TH15	Being an Expert Witness—When Are You Ready? How Do You Do It?	HP	GEN		49	W475	
7:00 - 7:45	TH16	From Maintenance of Certification (MOC) to the Bedside: How Can the American College of Surgeons (ACS) Help You Prepare?	EDU	GEN		49	W470A	
8:00 - 9:00	NL09	Distinguished Lecture of the International Society of Surgery	INT			52	W179	
8:00 - 9:30	PS300	Transanal Approaches to Colorectal Disease	CRS	GEN	RUS	98	W176	

8:00 - 9:30	PS301	Chest Trauma Can Be Tricky: Information All General Surgeons Will Want to Know	CTS	GEN	TRA	99	W375DE	T
8:00 - 9:30	PS302	Nonoperative Treatment for Appendicitis: Who, How, and Why?	GEN			99	W375B	
8:00 - 9:30	PS303	Advanced Techniques in Pediatric Laparoscopy	GEN	PED		99	W175	
8:00 - 9:30	PS304	Blood Thinners Are Getting Stronger and Harder to Reverse	GEN	NEU	VAS	100	W375A	PtS, T
8:00 - 9:30	PS305	What Works and What Doesn't: An Update on Wound Healing	PLA			100	W196BC	
8:00 - 9:30	PS306	Treatment of Chronic Venous Disease: Superficial to Deep	GEN	PLA	VAS	100	HMPCC Grant Park AB	
8:00 - 9:30	PS307	Women's Health Day: Gynecology for the Non-Gynecologic Surgeon	GEN	OBG	RUS	100	W194	
8:00 - 9:30	PS308	What Do We Do Now? Surgical Decision Making in Advanced Illness	ETH	GEN	GER	101	HMPCC Grant Park CD	E, PM, PA
8:00 - 9:30	SF33	Neurological Surgery	NEU			140	W470B	
8:00 - 9:30	SF34	Trauma III	GEN	TRA		141	W193	T
8:00 - 9:30	VE20	Urological Surgery	URO			164	W475	
8:00 - 9:30	VE21	Subject-Oriented Symposium III: Revisional Foregut—Which Is Best?	GEN			165	W178	
8:00 - 11:15	PS309	Surgical Jeopardy	RES/MED			101	W375C	
8:00 - 11:15	SF35	Critical Care Surgery	GEN	TRA		141	W470A	
8:00 - 11:15	SF36	General Surgery II	GEN			142	W185	
8:00 - 11:15	SF37	Surgical Education IV	EDU			143	W471A	
8:00 - 11:15	SF38	Surgical Oncology II	ONC			144	W474A	
8:00 - 12:15	SSC14A	Minimally Invasive Laparoscopic Colorectal Surgery (Lecture Only)	CRS			72	W181	\$
8:00 - 3:30	DEC13	A Primer in Clinical Trials Design and Methodology	BTR	HP		62	W184D	\$
8:00 - 4:30	SSC13	Thyroid and Parathyroid Ultrasound	EDU	GEN	OTO	71	W183A	\$
8:00 - 5:15	DEC14	Annual Update in Surgical Critical Care	TRA			63	W180	\$, T
8:00 - 5:45	SSC14B	Minimally Invasive Laparoscopic Colorectal Surgery (Lecture and Lab)	CRS			72	W181	\$
8:30 - 4:00	DEC15	Managing Common Anorectal Complaints	CRS	GEN	RUS	64	W184A	\$
9:30 - 4:15	SSC15	Palliative Surgical Care	GEN	GER	ONC	72	W187BC	\$, PM, PA
9:45 - 10:45	NL10	John J. Conley Ethics and Philosophy Lecture	ETH			53	W196BC	E
9:45 - 11:15	PS310	Surgical Team-Building: The Role of Interprofessional Education in Developing a Highly Functioning Care Team	EDU	HP		102	HMPCC Grant Park AB	PtS
9:45 - 11:15	PS311	Current Controversies in Diagnosis and Management of Appendicitis in Children	GEN	PED	RUS	102	W375B	
9:45 - 11:15	PS312	Fistulas, Shunts, and Peritoneal Dialysis Catheters: Tricks of the Trade	GEN	VAS		103	W192	
9:45 - 11:15	PS313	Managing Stress and Preventing Burnout: Strategies and Wellness Habits for Surgeons	GEN	HP	RES/MED	103	W194	
9:45 - 11:15	PS314	The Precarious State of GME Funding: What Is the Future?	EDU	HP	RES/MED	103	W474B	
9:45 - 11:15	PS315	Cancer Survivorship Care: What It Is and How to Do It	GEN	ONC		103	W175	
9:45 - 11:15	PS316	Women's Health Day: What's New in Body Contouring and Reconstructive Surgery?	PLA			104	W193	
9:45 - 11:15	PS317	Infected Mesh: Prevention Strategies and Management	GEN	OBG	TRA	104	W375A	PtS, T
9:45 - 11:15	PS318	Tissue Engineering: What's New?	BTR			104	W179	
9:45 - 11:15	PS319	Challenging Trauma Cases: Lessons from the Experts	TRA			105	W375DE	T
9:45 - 11:15	SF39	Colon and Rectal Surgery III	CRS	ONC		145	HMPCC Grant Park CD	
9:45 - 11:15	SF40	Transplantation and Tissue Engineering II	BTR			145	W470B	
9:45 - 11:15	VE22	Subject-Oriented Symposium IV: Robotic Surgery	GEN			165	W475	
9:45 - 11:15	VE23	Endocrine Surgery	GEN			165	W178	
9:45 - 11:15	VE24	Vascular Surgery	VAS			166	W176	

11:30 - 12:30	ME301	Let's Talk about Global Health Partnerships: Meet the New ACS Medical Director of Operation Giving Back	INT	HUM		75	HMPCC Jackson Park A	\$
11:30 - 12:30	ME302	Anorectal Abscesses and Fistulae	CRS			75	HMPCC Jackson Park B	\$
11:30 - 12:30	ME303	Centers of Excellence and Regionalized Health Care: What Does the Future Hold?	EDU	HP	OBG	76	HMPCC Jackson Park D	\$
11:30 - 12:30	ME304	Conflict in Practice	EDU	ETH	HP	76	HMPCC Hyde Park A	\$, E
11:30 - 12:30	ME305	From Flogging to Mining Large Databases: The Use and Abuse of Database Generated Outcomes Research	BTR	EDU		76	HMPCC Field A	\$, PtS
11:30 - 12:30	ME306	How to Become a Successful Principal Investigator	BTR	EDU		76	HMPCC Adler B	\$
11:30 - 12:30	ME307	Management of the Axilla in T1 and T2 Breast Cancer	GEN	ONC		76	HMPCC Jackson Park C	\$
11:30 - 12:30	ME308	Minimally Invasive Parathyroidectomy: How I Do It	GEN	OTO		76	HMPCC Hyde Park B	\$
11:30 - 12:30	ME309	Minimally Invasive Treatment for Pancreatic Debridement	GEN			76	HMPCC DuSable BC	\$
11:30 - 12:30	ME310	Newer Targeted Therapies for Thyroid Cancer	GEN	OTO	ONC	76	HMPCC Burnham A	\$
11:30 - 12:30	ME311	Part IV Maintenance of Certification: Urban vs. Rural	EDU	RUS		76	HMPCC Adler A	\$
11:30 - 12:30	ME312	Post-Herniorrhaphy Problems: Recurrence and Persistent Pain	GEN	PED	RUS	76	HMPCC Clark BC	\$, PM
11:30 - 12:30	ME313	Robotic Renal Transplantation: Is There a Future?	ETH	GEN	URO	76	HMPCC DuSable A	\$, E
11:30 - 12:30	ME314	Safe and Efficient Use of Electronic Health Records in the Surgical Practice	HP	INFO		76	HMPCC Clark A	\$
11:30 - 12:30	ME315	Social Media for the Novice, Beginner, and Expert	HP	INFO	RES/MED	76	HMPCC Burnham BC	\$
11:30 - 12:30	ME316	Total Mesorectal Excision: When and How	CRS			76	HMPCC Field BC	\$
11:30 - 12:30	VE31	Subject-Oriented Symposium II: Icons in Surgery (Encore)	GEN			166	W475	
12:45 - 1:45	NL11	Commission on Cancer Oncology Lecture	ONC			53	W179	
12:45 - 2:15	PS320	Factors Shaping Surgery over the 20th Century II	GEN	VAS		105	W475	
12:45 - 2:15	PS321	Necrotizing Soft-Tissue Infections: Time Matters	GEN	OTO	URO	105	W375C	PtS, T
12:45 - 2:15	PS322	The Military Health System: ACS Strategic Partnership: Year One Update	EDU			106	W375A	
12:45 - 2:15	PS323	Hepatectomy: Optimizing Outcomes	GEN			106	W375B	
12:45 - 2:15	PS324	Women's Health Day: Cardiovascular Disease, It's Not Just about Men	CTS			106	W470A	
12:45 - 2:15	PS325	Contemporary Issues in Managing Lower Extremity Arterial Disease	VAS			106	W194	
12:45 - 4:00	PS326	The College's International Scholars and Travelers 2015	INT	HUM		107	W192	
12:45 - 4:00	SF41	General Surgery III	GEN			146	W196BC	
12:45 - 4:00	VE25	Colon and Rectal Surgery II	CRS			166	W178	
2:30 - 4:00	PS327	Research Training During Residency: Time for a Reality Check?	EDU	RES/MED		108	W185	
2:30 - 4:00	PS328	New Horizons in Skull-Based Surgery	NEU	OTO		108	W471A	
2:30 - 4:00	PS329	You're Not Alone: The Emotional Impact of Adverse Events	GEN	HP	RUS	108	W193	E, PtS
2:30 - 4:00	PS330	Women's Health Day: Managing Pelvic Floor Disorders	CRS	OBG	URO	109	W470A	
2:30 - 4:00	PS331	Genetic Testing for Cancer: What You Need to Know for Your Practice	BTR	ONC		109	W194	
2:30 - 4:00	PS332	Melanoma 2015: Integrating New Knowledge into Your Clinical Practice	GEN	ONC		109	W375B	
2:30 - 4:00	PS333	Changing Paradigms in the Management of Breast Cancer: Is Less Surgery Really Better?	GEN	ONC		109	W375A	
2:30 - 4:00	SF42	Colon and Rectal Surgery IV	CRS	ONC		146	W375C	
2:30 - 5:45	PS334	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2015 Volunteerism and Humanitarian Award Winners	HUM			110	HMPCC Grant Park CD	
2:30 - 5:45	SF43	Endocrine Surgery	BTR			147	W175	
2:30 - 5:45	SF44	Plastic and Maxillofacial Surgery II	PLA			148	HMPCC Grant Park AB	

2:30 - 5:45	SF45	Quality, Safety, and Outcomes IV	HP			149	W474A	PtS
2:30 - 5:45	SF46	Vascular Surgery II	VAS			150	W474B	
2:30 - 5:45	VE26	Surgical Cases in Trauma	TRA			167	W176	T
2:30 - 5:45	VE27	Pediatric Surgery	PED			168	W470B	
2:30 - 5:45	VE28	General Surgery III	GEN			168	W475	
4:15 - 5:15		Annual Business Meeting of Members				46	W179	
4:15 - 5:45	PS335	Emerging Trends in the Workup and Management of Rectal Cancer	CRS	GEN	ONC	110	W375A	
4:15 - 5:45	PS336	Building a Surgical Career Around the World	INT			110	W178	
4:15 - 5:45	PS337	Educational Impact of the Electronic Health Record	EDU	RES/MED		111	W193	
4:15 - 5:45	PS338	Women's Health Day: The Surgeon's Role in Treating Endocrine and Metabolic Disorders	GEN	ORT		111	W185	
4:15 - 5:45	PS339	Intraoperative Radiotherapy	GEN			111	W192	
4:15 - 5:45	PS340	Review of the New American Thyroid Association (ATA) Guidelines on the Management of Well-Differentiated Thyroid Cancer	GEN	OTO		111	W375B	
4:15 - 5:45	PS341	Rectal Cancer Commission on Cancer Accreditation Panel	CRS	EDU	INFO	112	W196BC	
4:15 - 5:45	PS342	Best Practices and Latest Evidence: How Should Recently Reported Clinical Trials Change the Surgical Oncology Practice Today?	BTR	ONC		112	W194	
THURSDAY, OCTOBER 8			Designated Tracks			Page No.	Location	
7:00 - 7:45	TH17	An Update on American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®)	EDU			50	W475	
7:00 - 7:45	TH18	Flexibility in Surgical Training—Moving beyond the Concept	RES/MED	RUS		50	W178	
7:00 - 7:45	TH19	How Do We Credential Surgeons in the Use of New Technology?	CTS			50	W179	
7:00 - 7:45	TH20	Reimbursement in the Age of Accountable Care Organizations (ACO) Bundling: What Are Surgeons Worth?	HP			50	W375A	
8:00 - 9:30	PS400	The Role/Impact of Telemedicine on Surgical Outreach Programs	INT			112	W179	 PtS
8:00 - 9:30	PS401	Hyperparathyroidism: Primary vs. Secondary vs. Tertiary	GEN	OTO		113	W375A	
8:00 - 9:30	PS402	Modern Multidisciplinary Approach to Aortic Diseases	CTS	VAS		113	W474A	
8:00 - 9:30	PS403	Managing the Unexpected Adnexal Mass	GEN	OBG		114	W375B	
8:00 - 9:30	PS404	Ten Hot Topics in General Surgery	GEN			114	W375C	 PtS
8:00 - 9:30	PS405	Ten Hot Topics in Ensuring Surgical Safety	EDU	GEN	RUS	114	W194	
8:00 - 9:30	SF47	Plastic and Maxillofacial Surgery III	PLA			150	W471A	
8:00 - 9:30	SF48	Surgical Education V	EDU			151	W196BC	
8:00 - 9:30	VE29	Hepatobiliary Surgery II	GEN			169	W475	
8:00 - 11:15	SF49	Colon and Rectal Surgery V	CRS			151	W193	
8:00 - 11:15	SF50	General Surgery IV	GEN			152	W192	
8:00 - 11:15	SF51	Quality, Safety, and Outcomes V	HP			153	W474B	PtS
8:00 - 11:15	SF52	Surgical Oncology III	ONC			154	W470A	
8:00 - 11:15	SF53	Vascular Surgery III	VAS			155	W470B	
8:00 - 11:15	VE30	Bariatric Surgery	GEN			169	W178	
9:45 - 11:15	PS406	Ten Hot Topics in Advocacy and Health Policy	HP			115	W475	
9:45 - 11:15	PS407	Ten Hot Topics in Critical Care	TRA			115	W375B	 T
9:45 - 11:15	PS408	The College's Clinical Scholars 2015	EDU	ONC		115	W196BC	PtS
9:45 - 11:15	PS409	Striving for Patient Satisfaction in the Era of the Affordable Care Act	HP			116	W179	 E
9:45 - 11:15	PS410	Novel Diagnostic and Treatment Options for Early Esophageal Cancer	CTS	GEN	ONC	116	W375C	
9:45 - 11:15	PS411	The Surgeon and Emotional Intelligence: It's Real and Relevant	EDU			116	W375A	

2015 Track Schedule

The scientific program, scheduled in discipline- and theme-based tracks, will focus specifically on the needs of various surgical specialties and learner groups.

A full listing of the 2015 track schedule is provided via the Clinical Congress App.

SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
		Basic/Translational Research (BTR)			
		Colon and Rectal Surgery (CRS)			
		Cardiothoracic Surgery (CTS)			
	Education/Outcomes and Safety (EDU)				
		Ethics (ETH)			
General Surgery (GEN)					
		Geriatric/Palliative Care (GER)			
	Health Policy : Practice Management / Reimbursement / Liability Issues (HP)				
		Surgical Humanitarian Outreach (HUM)			
	Informatics (INFO)				
		International (INT)			
	Neurosurgery (NEU)				
		Obstetrics & Gynecology (OBG)			
(ONC)		Surgical Oncology (ONC)			
		Ophthalmic Surgery (OPHTHO)		(OPHTHO)	
		Orthopaedic Surgery (ORT)			
		Otolaryngology–Head & Neck Surgery (OTO)			
		Pediatric Surgery (PED)			
(PLA)		Plastic and Maxillofacial Surgery (PLA)			
	Residents / Medical Students (RES / MED)				
(RUS)		Rural Surgery (RUS)			
Trauma / Critical Care (TRA)					
		Urology (URO)			
(VAS)		Vascular Surgery (VAS)			

Sessions-at-a-Glance by Track

Key to Session/Course Codes

DEC	Didactic/Experiential Course
ME	Meet-the-Expert Luncheon
NL	Named Lecture
PS	Panel Session
SF	Scientific Forum
SI	Special Interest Session
SSC	Surgical Skills Course
TH	Town Hall Meeting
VE	Video-Based Session

Location Abbreviations

HC	Hilton Chicago
HMPCC	Hyatt McCormick Place Conference Center
S	McCormick Place South
W	McCormick Place West
NU SIM	Northwestern Simulation
GCSI	Grainger Center for Simulation and Innovation

\$ indicates that additional fees and registration apply

Ⓜ indicates a webcast session (webcast package available for purchase)

🔊 indicates an Audio session

E Ethics PA Palliative Care PM Pain Management

PtS Patient Safety Credit available T Trauma/Critical Care

SA Self-Assessment Credit available

SESSIONS-AT-A-GLANCE BY TRACK

BASIC / TRANSLATIONAL RESEARCH (BTR)

Monday, October 5					
9:45 - 11:15	PS101	Metabolic Surgery: Understanding a Surgical Solution to an Epidemic	77	W179	🔊 Ⓜ
9:45 - 1:00	SF02	Bariatric/Foregut I	118	W193	
1:15 - 2:15	ME109	How to Write a Successful Patient-Centered Outcomes Research Institute (PCORI) Grant	74	HMPCC Clark BC	\$
4:15 - 5:00	NL04	I.S. Ravdin Lecture in the Basic and Surgical Sciences	51	W179	🔊
Tuesday, October 6					
8:00 - 9:30	PS203	Patient-Centered Outcomes Research: What Is It and How to Do It	87	W175	🔊 Ⓜ PtS
8:00 - 11:15	SF19	Transplantation and Tissue Engineering I	130	W471A	
9:45 - 11:15	SF22	Bariatric/Foregut II	133	W474B	
11:30 - 12:30	ME203	Balancing an Academic Career and Personal Needs	75	HMPCC DuSable A	\$
11:30 - 12:30	ME210	Increasing Diversity in the Surgical Workforce	75	HMPCC Clark A	\$
12:45 - 2:15	PS217	Where Does Marketing End and Conflict of Interest Begin?	92	HMPCC Prairie B	🔊 Ⓜ
12:45 - 2:15	PS218	Bariatric Surgery: Prevention and Management of Complications	92	W179	🔊 Ⓜ PtS
2:30 - 5:45	SF30	Hepatobiliary and Pancreas II	138	W470B	
Wednesday, October 7					
8:00 - 3:30	DEC13	A Primer in Clinical Trials Design and Methodology	62	W180	\$
9:45 - 11:15	PS318	Tissue Engineering: What's New?	104	W179	🔊 Ⓜ
9:45 - 11:15	SF40	Transplantation and Tissue Engineering II	145	W470B	
11:30 - 12:30	ME305	From Flogging to Mining Large Databases: The Use and Abuse of Database Generated Outcomes Research	76	HMPCC Field A	\$ PtS
11:30 - 12:30	ME306	How to Become a Successful Principal Investigator	76	HMPCC Adler B	\$

2:30 - 4:00	PS331	Genetic Testing for Cancer: What You Need to Know for Your Practice	109	W194	🔊 Ⓜ
2:30 - 5:45	SF43	Endocrine Surgery	147	W175	
4:15 - 5:45	PS342	Best Practices and Latest Evidence: How Should Recently Reported Clinical Trials Change the Surgical Oncology Practice Today?	112	W194	🔊 Ⓜ
COLON AND RECTAL SURGERY (CRS)					
Monday, October 5					
9:45 - 11:15	PS104	Lower Gastrointestinal Bleeding: Diagnostic Workup and Evidence-Based Interventions	78	W375DE	🔊 Ⓜ
9:45 - 1:00	VE02	Colon and Rectal Surgery I	157	W475	
11:30 - 1:00	PS108	Contemporary Management of Complicated Diverticulitis: Concepts and Controversies	79	W375C	🔊 Ⓜ
11:30 - 1:00	SF03	Colon and Rectal Surgery I	119	W196BC	
1:00 - 5:15	SSC09	Advanced Colonoscopy Skills Course: New Interventions and Frontiers	69	W184A	\$
1:15 - 2:15	ME116	Treatment Options for Anal Fissure	74	HMPCC Jackson Park D	\$
2:30 - 4:00	PS119	Controversies and Current Management of Acute Large Bowel Obstructions	83	W375DE	🔊 Ⓜ
4:15 - 5:45	PS123	Dealing with Complications of Pelvic Surgery	84	W375C	🔊 Ⓜ T
Tuesday, October 6					
7:00 - 7:45	TH06	Preserving and Advancing Surgical Education in a World with No Time	48	W175	
8:00 - 9:00	NL05	Herand Abcarian Lecture	52	W179	🔊
8:00 - 9:30	PS202	Dealing with the Failed Intestinal Anastomosis	87	W375C	🔊 Ⓜ T
9:00 - 1:15	SSC12	Performing Total Mesorectal Excision (TME)	71	W184A	\$
9:45 - 11:15	SF23	Colon and Rectal Surgery II	133	W179	

* For a description of this session, please see the page number noted.

11:30 - 12:30	ME202	Anorectal Surgery	75	HMPCC Jackson Park A	\$
12:45 - 2:15	PS215	Creating the Perfect Stoma under Adverse Conditions	91	W375B	⚙️ W
12:45 - 2:15	PS216	Current Management of Polyposis Syndromes in the Pediatric and Adolescent Population	92	W193	⚙️ W T
2:30 - 4:00	PS225	Management of Rectourethral Fistula	94	W194	⚙️ W
4:15 - 5:45	PS232	Pelvic Organ Prolapse: Multidisciplinary Strategies for Care	97	W185	⚙️ W
Wednesday, October 7					
7:00 - 7:45	TH09	Women in Surgery: The Road Traveled, the Road Ahead	48	W375A	
8:00 - 9:30	PS300	Transanal Approaches to Colorectal Disease	98	W176	⚙️ W
8:00 - 12:15	SSC14A	Minimally Invasive Laparoscopic Colorectal Surgery (Lecture Only)	72	W181	\$
8:00 - 5:45	SSC14B	Minimally Invasive Laparoscopic Colorectal Surgery (Lecture and Lab)	72	W181	\$
8:30 - 4:00	DEC15	Managing Common Anorectal Complaints	64	W184A	\$
9:45 - 11:15	SF39	Colon and Rectal Surgery III	145	HMPCC Grant Park CD	
11:30 - 12:30	ME302	Anorectal Abscesses and Fistulae	75	HMPCC Jackson Park B	\$
11:30 - 12:30	ME316	Total Mesorectal Excision: When and How	76	HMPCC Field BC	\$
12:45 - 4:00	VE25	Colon and Rectal Surgery II	166	W178	
2:30 - 4:00	PS330	Women's Health Day: Managing Pelvic Floor Disorders	109	W470A	⚙️ W
2:30 - 4:00	SF42	Colon and Rectal Surgery IV	146	W375C	
4:15 - 5:45	PS335	Emerging Trends in the Workup and Management of Rectal Cancer	110	W375A	⚙️ W
4:15 - 5:45	PS341	Rectal Cancer Commission on Cancer Accreditation Panel	112	W196BC	⚙️ W
Thursday, October 8					
8:00 - 9:30	PS402	Modern Multidisciplinary Approach to Aortic Diseases	113	W474A	⚙️ W
8:00 - 11:15	SF49	Colon and Rectal Surgery V	151	W193	
CARDIOTHORACIC SURGERY (CTS)					
Monday, October 5					
9:45 - 10:45	NL02	John H. Gibbon, Jr., Lecture	51	W375B	⚙️
9:45 - 11:15	PS103	Novel Treatments for Gastro-esophageal Reflux Disease	78	W196BC	⚙️ W
9:45 - 1:00	VE01	Cardiothoracic Surgery	156	W176	
2:30 - 5:45	SF06	Cardiac Surgery	120	W181	
Tuesday, October 6					
7:00 - 7:45	TH07	Developing and Participating in State and Regional Quality Improvement Consortia: How to Improve Your Delivery of Care	48	W470B	
8:00 - 9:30	PS200	Integrated Surgical Management of Metastatic Breast Cancer	86	W375B	⚙️ W

8:00 - 9:30	PS205	Lung Cancer Quality Improvement: Using ACS NSQIP® to Improve Cancer Care Quality	88	W176	⚙️ W PtS
8:00 - 11:15	SF18	Thoracic Surgery	129	HMPCC Grant Park CD	
9:45 - 11:15	PS212	GE Junction Adenocarcinoma: Defying the Odds	90	W375B	⚙️ W
11:30 - 12:30	ME212	Laparoscopic Paraesophageal Hernia Repair: Still Indicated after All These Years?	75	HMPCC Hyde Park B	\$
11:30 - 12:30	ME215	Optimal Esophagectomy	75	HMPCC Burnham BC	\$
2:30 - 4:00	PS224	Thoracic Aortic Disease Management: From the Aortic Valve to the Bifurcation	94	W471A	⚙️ W
4:15 - 5:45	PS234	Reducing Perioperative Cardiac Risk: What's the Evidence?	97	W375A	⚙️ W PtS
Wednesday, October 7					
8:00 - 9:30	PS301	Chest Trauma Can Be Tricky: Information All General Surgeons Will Want to Know	99	W375DE	⚙️ W T
12:45 - 2:15	PS324	Women's Health Day: Cardiovascular Disease, It's Not Just about Men	106	W470A	⚙️ W
Thursday, October 8					
7:00 - 7:45	TH19	How Do We Credential Surgeons in the Use of New Technology?	50	W179	
8:00 - 9:30	PS402	Modern Multidisciplinary Approach to Aortic Diseases	113	W474A	⚙️ W
9:45 - 11:15	PS410	Novel Diagnostic and Treatment Options for Early Esophageal Cancer	116	W375C	⚙️ W
EDUCATION / OUTCOMES & SAFETY (EDU)					
Sunday, October 4					
8:30 - 4:30	DEC06	Surgical Education: Principles and Practice	58	W180	\$
8:30 - 5:15	SSC05	Practical Applications of Ultrasonography in the Intensive Care Unit (Echocardiography)	67	W183A	\$ T
9:00 - 4:30	DEC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care	58	W184A	\$ PtS
Monday, October 5					
9:45 - 11:15	PS102	Entrustable Professional Activities and Milestones: New Strategies for Surgical Teaching in the Operating Room	77	W194	⚙️ W
10:00 - 5:00	DEC10	Practical Communication Skills for Difficult Patient Encounters	61	W187BC	\$ E
11:30 - 1:00	PS109	Fatigue and the Surgeon—Monitoring, Regulation, and Professionalism	79	HMPCC Grant Park CD	⚙️ W E, PtS
11:30 - 1:00	SF04	Surgical Education I	119	HMPCC Prairie B	
1:15 - 2:15	ME104	Diversifying Your Surgical Career	74	HMPCC Field BC	\$
1:15 - 2:15	ME107	Integrating New Technology into Surgical Practice	74	HMPCC Field A	\$ E, PtS
2:30 - 4:00	PS115	Functional Ergonomics for Surgeons: Protect Your Neck and Your Career	82	W375A	⚙️ W

* For a description of this session, please see the page number noted.

2:30 - 4:00	PS116	Initiates' Program: The Surgical Career, the Joys, the Struggles, and the Rewards	82	W175	⚙️ (W)
2:30 - 5:45	SF10	Surgical Education II	124	W471A	
4:15 - 5:45	PS124	Personal Challenges in a Professional Career	84	HMPCC Prairie B	⚙️ (W)
4:15 - 5:45	PS125	Quality: WHO Checklist, SCIP Measures: How to Simplify and Implement Them Globally in Countries with Limited Resources	85	W178	⚙️ (W) PtS
Tuesday, October 6					
7:00 - 7:45	TH02	Surgical Education Around the World	47	W178	
7:00 - 7:45	TH04	The Surgeon Specific Registry (SSR): Maintenance of Certification (MOC), Physician Quality Reporting System (PQRS) and Other Mandates	47	W375A	PtS
7:00 - 7:45	TH06	Preserving and Advancing Surgical Education in a World with No Time	48	W175	
8:00 - 9:30	PS201	Quality Assessment in Surgery	86	W375A	⚙️ (W) PtS
8:00 - 9:30	SF14	Surgical Education III	127	W471B	
8:00 - 11:30	SSC10A	Laparoscopic Inguinal and Ventral Hernia Repair (Lecture Only)	69	W181	\$
8:00 - 4:45	SSC10B	Laparoscopic Inguinal and Ventral Hernia Repair (Lecture and Lab)	69	W181	\$
8:30 - 4:00	DEC11	Improving Patient Safety and Team Performance in Your OR: The Non-Technical Skills for Surgeons (NOTSS) System	61	W180	\$ PtS
9:45 - 11:15	PS208	Should That Surgeon Be Operating?	89	W176	⚙️ (W) E, PtS
9:45 - 11:15	PS211	How to Assess Outcomes/ Quality Improvement for Residents	90	W471B	⚙️ (W) PtS
11:30 - 12:30	ME203	Balancing an Academic Career and Personal Needs	75	HMPCC DuSable A	\$
11:30 - 12:30	ME205	Caring for Patients Who Are Jehovah's Witnesses	75	HMPCC Adler A	\$ E, PA, PtS
11:30 - 12:30	ME215	Optimal Esophagectomy	75	HMPCC Burnham BC	\$
11:30 - 12:30	PS238	Antibiotics First: A New Standard for Uncomplicated Appendicitis?	91	W375A	⚙️ (W)
12:30 - 4:45	DEC12	Maintenance of Certification (MOC) Review: Essentials for Surgical Specialties	62	W184D	\$
12:45 - 2:15	PS214	Captain to Team Player: How Do We Train Residents to Play in the Modern Sandbox	91	W175	⚙️ (W) PtS
12:45 - 2:15	PS217	Where Does Marketing End and Conflict of Interest Begin?	92	HMPCC Prairie B	⚙️ (W)
12:45 - 2:15	PS218	Bariatric Surgery: Prevention and Management of Complications	92	W179	⚙️ (W) PtS
12:45 - 5:00	PS222	Association of Program Directors in Surgery (APDS) Panels	93	W196BC	
2:30 - 4:00	PS227	Crisis Management in the Operating Room	95	W375DE	⚙️ (W) PtS

Wednesday, October 7					
7:00 - 7:45	TH12	Metabolic and Bariatric Surgery: Accreditation Controversies	49	W175	
7:00 - 7:45	TH13	Is Current Surgical Training Adequate: Pros and Cons	49	W178	
7:00 - 7:45	TH16	From Maintenance of Certification (MOC) to the Bedside: How Can the American College of Surgeons (ACS) Help You Prepare?	49	W470A	
8:00 - 11:15	SF37	Surgical Education IV	143	W471A	
8:00 - 4:30	SSC13	Thyroid and Parathyroid Ultrasound	71	W183A	\$
9:45 - 11:15	PS310	Surgical Team-Building: The Role of Interprofessional Education in Developing a Highly Functioning Care Team	102	HMPCC Grant Park AB	⚙️ (W) PtS
9:45 - 11:15	PS314	The Precarious State of GME Funding: What Is the Future?	103	W474B	⚙️ (W)
11:30 - 12:30	ME303	Centers of Excellence and Regionalized Health Care: What Does the Future Hold?	76	HMPCC Jackson Park D	\$
11:30 - 12:30	ME304	Conflict in Practice	76	HMPCC Hyde Park A	\$ E
11:30 - 12:30	ME305	From Flogging to Mining Large Databases: The Use and Abuse of Database Generated Outcomes Research	76	HMPCC Field A	\$ PtS
11:30 - 12:30	ME306	How to Become a Successful Principal Investigator	76	HMPCC Adler B	\$
11:30 - 12:30	ME311	Part IV Maintenance of Certification: Urban vs. Rural	76	HMPCC Adler A	\$
12:45 - 2:15	PS322	The Military Health System: ACS Strategic Partnership: Year One Update	106	W375A	⚙️ (W)
2:30 - 4:00	PS327	Research Training During Residency: Time for a Reality Check?	108	W185	⚙️ (W)
4:15 - 5:45	PS337	Educational Impact of the Electronic Health Record	111	W193	⚙️ (W)
4:15 - 5:45	PS341	Rectal Cancer Commission on Cancer Accreditation Panel	112	W196BC	⚙️ (W)
Thursday, October 8					
7:00 - 7:45	TH17	An Update on American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®)	50	W475	
8:00 - 9:30	PS405	Ten Hot Topics in Ensuring Surgical Safety	114	W194	⚙️ (W)
8:00 - 9:30	SF48	Surgical Education V	151	W196BC	
9:45 - 11:15	PS408	The College's Clinical Scholars 2015	115	W196BC	PtS
9:45 - 11:15	PS411	The Surgeon and Emotional Intelligence: It's Real and Relevant	116	W375A	⚙️ (W)
ETHICS (ETH)					
Monday, October 5					
9:45 - 11:15	PS100	Frailty Indices as Indicators of Risk in Surgery for the Geriatric Patient	77	W375A	⚙️ (W) PtS
10:00 - 5:00	DEC10	Practical Communication Skills for Difficult Patient Encounters	61	W187BC	\$

1:15 - 2:15	ME111	Opioid Prescribing: Striking the Balance between Patient Care and the Law	74	HMPCC Adler A	\$ E, PA
Tuesday, October 6					
7:00 - 7:45	TH03	Do You Want (or Need) the Sales Rep in Your OR?	47	W470A	PtS
8:00 - 11:15	SF15	Ethics	127	W470A	E
11:30 - 12:30	ME205	Caring for Patients Who Are Jehovah's Witnesses	75	HMPCC Adler A	\$ E, PA, PtS
2:30 - 5:45	PS229	Ethics Colloquium: Disclosure and the Ethical Surgeon	96	W175	⚡ W E, PtS
4:15 - 5:45	PS231	Challenging Emergency Surgery Cases: Lessons from the Experts	96	W375DE	⚡ W T
Wednesday, October 7					
7:00 - 7:45	TH11	How to Incorporate Clinical Ethics within a Surgical Career	48	W176	
8:00 - 9:30	PS308	What Do We Do Now?: Surgical Decision Making in Advanced Illness	101	HMPCC Grant Park CD	⚡ W E, PM, PA
9:45 - 10:45	NL10	John J. Conley Ethics and Philosophy Lecture	53	W196BC	⚡ E
10:00 - 5:00	DEC10	Practical Communication Skills for Difficult Patient Encounters	61	W187BC	\$
11:30 - 12:30	ME304	Conflict in Practice	76	HMPCC Hyde Park A	\$ E
11:30 - 12:30	ME313	Robotic Renal Transplantation: Is There a Future?	76	HMPCC DuSable A	\$ E
GENERAL SURGERY (GEN)					
Saturday, October 3					
8:30 - 4:00	DEC02	Emergency General Surgery Update 2015	56	W185	\$ PtS, T
8:30 - 5:30	SSC02	Advanced Skills Training for Rural Surgeons: Laparoscopic Bile Duct Exploration and Facial Lacerations	65	NU SIM	\$
9:00 - 1:15	DEC03	Fundamental Use of Surgical Energy (FUSE)	56	W184D	\$ PtS
10:00 - 5:15	SSC03	Oncoplastic Breast Surgery for the General Surgeon	65	NU SIM	\$
10:00 - 5:30	SSC01	Bariatric Surgery: Managing Complications—Skills and Strategies	64	W184A	\$ PtS
Sunday, October 4					
8:00 - 12:15	SSC04A	Surgical Endoscopy: Advancing Minimally Invasive Surgery and Retooling Our Workforce (Lecture Only)	66	W181	\$ PtS
8:00 - 5:30	SSC04B	Surgical Endoscopy: Advancing Minimally Invasive Surgery and Retooling Our Workforce (Lecture and Lab)	66	W181	\$ PtS
9:00 - 2:15	SSC06	Rib Plating	67	W184D	\$ T
Monday, October 5					
8:00 - 9:30	NL01	Opening Ceremony/Martin Memorial Lecture Sponsored by the American Urological Association	51	W375DE	⚡
9:45 - 5:15	SSC07	Ultrasound for Pediatric Surgeons	68	W183A	\$
9:45 - 11:15	PS100	Frailty Indices as Indicators of Risk in Surgery for the Geriatric Patient	77	W375A	⚡ W PtS

9:45 - 11:15	PS101	Metabolic Surgery: Understanding a Surgical Solution to an Epidemic	77	W179	⚡ W
9:45 - 11:15	PS103	Novel Treatments for Gastro-esophageal Reflux Disease	78	W196BC	⚡ W
9:45 - 11:15	PS104	Lower Gastrointestinal Bleeding: Diagnostic Workup and Evidence-Based Interventions	78	W375DE	⚡ W
9:45 - 11:15	PS105	Lumps and Bumps: Current Management of Soft-Tissue Sarcomas	78	W375C	⚡ W
9:45 - 1:00	VE03	General Surgery I	157	W178	
9:45 - 1:15	VE04	Subject-Oriented Symposium I: Atlas Showcase—Liver Volume	158	W175	
10:00 - 5:00	DEC09-1	General Surgery Review Course	60	W185	\$
10:00 - 5:00	DEC10	Practical Communication Skills for Difficult Patient Encounters	61	W187BC	\$
11:30 - 1:00	PS107	Controversies in Breast Screening: What Is a Surgeon to Do?	79	W179	⚡ W
11:30 - 1:00	PS108	Contemporary Management of Complicated Diverticulitis: Concepts and Controversies	79	W375C	⚡ W
11:30 - 1:00	PS109	Fatigue and the Surgeon—Monitoring, Regulation, and Professionalism	79	HMPCC Grant Park CD	⚡ W E, PtS
11:30 - 1:00	PS110	Enhanced Recovery Protocols for Gastrointestinal Surgery: The Surgical Multimodal Accelerated Recovery Trajectory (SMART) Approach	80	W375B	⚡ W PtS
11:30 - 1:00	PS112	Thyroid Nodules: What Am I Supposed to Do?	80	W375A	⚡ W
11:30 - 1:00	PS113	Controversies in the Management of Gastroesophageal Reflux in Children	81	W181	⚡ W
1:15 - 2:15	ME101	Antireflux Gadgets and Gimmicks	74	HMPCC Adler B	\$
1:15 - 2:15	ME102	Approaches to Nipple-Sparing Mastectomy	74	HMPCC Jackson Park A	\$
1:15 - 2:15	ME103	Fixation of Rib Fractures	74	HMPCC Jackson Park B	\$ T
1:15 - 2:15	ME105	Evaluation and Management of Pancreatic Cysts	74	HMPCC Hyde Park B	\$
1:15 - 2:15	ME108	Medullary Thyroid Carcinoma: What Do You Need to Know?	74	HMPCC Burnham BC	\$
1:15 - 2:15	ME109	How to Write a Successful Patient-Centered Outcomes Research Institute (PCORI) Grant	74	HMPCC Clark BC	\$
1:15 - 2:15	ME110	Nonoperative Management of Appendicitis	74	HMPCC DuSable BC	\$
1:15 - 2:15	ME111	Opioid Prescribing: Striking the Balance between Patient Care and the Law	74	HMPCC Adler A	\$ E, PA
1:15 - 2:15	ME112	Optimizing Outcomes in Liver and Pancreatic Surgery	74	HMPCC Hyde Park A	\$

1:15 - 2:15	ME114	Practical Tips for Thyroidectomy	74	HMPCC Jackson Park C	\$
2:30 - 4:00	PS119	Controversies and Current Management of Acute Large Bowel Obstructions	83	W375DE	Ⓢ Ⓜ
2:30 - 4:00	PS120	Acute Cholecystitis and the Common Duct Stone: Oh, the Pain!	83	W375C	Ⓢ Ⓜ T
2:30 - 5:45	PS121	Latin America Day	83	HMPCC Grant Park CD	
2:30 - 5:45	SF07	General Surgery I	121	W196 BC	
2:30 - 5:45	SF09	Hepatobiliary and Pancreas I	123	HMPCC Grant Park AB	
2:30 - 5:45	VE08	Unusual and Challenging Problems in Surgery	159	W475	
4:15 - 5:00	NL04	I.S. Ravdin Lecture in the Basic and Surgical Sciences	51	W179	Ⓢ
4:15 - 5:45	PS122	Holes in Places They Shouldn't Be: Approaches to the Acute Abdomen	84	W375B	Ⓢ Ⓜ PtS, T
4:15 - 5:45	PS129	Laparoscopic Ventral Hernia Repair: Which Mesh Should I Fetch?	86	W375DE	Ⓢ Ⓜ
6:30 - 8:30	VE09	Clinical Workshop through Video	160	HC Stevens A5	
Tuesday, October 6					
7:00 - 7:45	TH05	Changes in Medical Malpractice Law: Disclosure, Apology and Offer	47	W179	E, PtS
7:00 - 7:45	TH08	Maintenance of Certification: An Important Area for Our Fellows and Members to Understand	48	W475	
8:00 - 4:00	DEC09-2	General Surgery Review Course	60	W185	\$
8:00 - 9:30	PS200	Integrated Surgical Management of Metastatic Breast Cancer	86	W375B	Ⓢ Ⓜ
8:00 - 9:30	PS203	Patient-Centered Outcomes Research: What Is It and How to Do It	87	W175	Ⓢ Ⓜ PtS
8:00 - 9:30	PS204	The Bad Infections: Tools to Keep Ahead of Difficult Infections and Resistant Organisms	87	W196BC	Ⓢ Ⓜ T
8:00 - 9:30	PS206	Novel Ways to Prevent Incisional Hernias and Adhesions	88	W375DE	Ⓢ Ⓜ
8:00 - 9:30	VE10	Pancreas Surgery	160	W178	
8:00 - 11:15	SF15	Ethics	127	W470A	E
8:00 - 11:15	SF20	Trauma I	131	W194	T
8:00 - 11:15	VE11	International Video Session	161	W475	
8:00 - 11:30	SSC10A	Laparoscopic Inguinal and Ventral Hernia Repair (Lecture Only)	69	W181	\$
8:00 - 4:45	SSC10B	Laparoscopic Inguinal and Ventral Hernia Repair (Lecture and Lab)	69	W181	\$
8:30 - 5:45	SSC11	Advanced Hepatopancreatobiliary (HPB) Ultrasound	70	W183A	\$
9:45 - 10:45	NL06	Excelsior Surgical Society/Edward D. Churchill Lecture	52	W196BC	Ⓢ

9:45 - 11:15	PS208	Should That Surgeon Be Operating?	89	W176	Ⓢ Ⓜ E, PtS
9:45 - 11:15	PS209	Current Controversies in Surgical Oncology	89	W375A	Ⓢ Ⓜ
9:45 - 11:15	PS212	GE Junction Adenocarcinoma: Defying the Odds	90	W375B	Ⓢ Ⓜ
9:45 - 11:15	PS213	Do I Need to Operate on That in the Middle of the Night?	91	W375DE	Ⓢ Ⓜ PtS, T
9:45 - 11:15	VE12	Hepatobiliary Surgery I	161	W178	
9:45 - 11:15	VE14	Subject-Oriented Symposium II: Icons in Surgery	162	W175	
11:30 - 12:30	ME201	Addressing Chronic Pain following Inguinal Hernia Repair	75	HMPCC DuSable BC	\$ PM
11:30 - 12:30	ME204	Breast Cancer Management in 2015	75	HMPCC Clark BC	\$
11:30 - 12:30	ME206	Complex Abdominal Trauma	75	HMPCC Jackson Park C	\$ T
11:30 - 12:30	ME207	Current Management of Thyroid Nodules	75	HMPCC Adler B	\$
11:30 - 12:30	ME208	Enteral Access for Nutrition	75	HMPCC Field A	\$ T
11:30 - 12:30	ME209	Necrotizing Soft-Tissue Infections	75	HMPCC Field BC	\$ T
11:30 - 12:30	ME210	Increasing Diversity in the Surgical Workforce	75	HMPCC Clark A	\$
11:30 - 12:30	ME212	Laparoscopic Paraesophageal Hernia Repair: Still Indicated after All These Years?	75	HMPCC Hyde Park B	\$
11:30 - 12:30	ME213	Lymphedema after Breast Surgery	75	HMPCC Jackson Park B	\$
11:30 - 12:30	ME214	Neuroendocrine Tumors of the Pancreas: What Do I Need to Know?	75	HMPCC Jackson Park D	\$
11:30 - 12:30	ME216	The Art and Science of Sacral Nerve Stimulation	75	HMPCC Hyde Park A	\$
11:30 - 12:30	PS238	Antibiotics First: A New Standard for Uncomplicated Appendicitis?	91	W375A	Ⓢ Ⓜ
12:30 - 4:45	DEC12	Maintenance of Certification (MOC) Review: Essentials for Surgical Specialties	62	W184D	\$
12:45 - 2:15	PS215	Creating the Perfect Stoma under Adverse Conditions	91	W375B	Ⓢ Ⓜ
12:45 - 2:15	PS216	Current Management of Polyposis Syndromes in the Pediatric and Adolescent Population	92	W193	Ⓢ Ⓜ T
12:45 - 2:15	PS219	Controversies in Breast Reconstruction	92	HMPCC Grant Park AB	Ⓢ Ⓜ
12:45 - 2:15	PS221	Acute Abdomen during Pregnancy	93	W375C	Ⓢ Ⓜ
12:45 - 2:15	VE16	Movie Classics from the Past	163	W178	
12:45 - 4:00	VE17	Controversies in General Surgery	163	W475	
2:30 - 3:30	NL08	Olga M. Jonasson Lecture	52	W179	Ⓢ
2:30 - 4:00	PS228	Chronic Pancreatitis: Current Surgical and Nonsurgical Treatment	95	W375A	Ⓢ Ⓜ

2:30 - 5:45	SF28	Breast	136	HMPCC Grant Park AB	
2:30 - 5:45	SF32	Trauma II	139	W176	T
2:30 - 5:45	VE18	General Surgery II	163	W178	
4:15 - 5:45	PS230	Neoadjuvant Therapy for Breast Cancer: It's a Team Effort	96	W375B	Ⓢ Ⓜ
4:15 - 5:45	PS234	Reducing Perioperative Cardiac Risk: What's the Evidence?	97	W375A	Ⓢ Ⓜ PtS
4:15 - 5:45	PS236	Better Outcomes through Preoperative Optimization: Getting Your Patients Strong for Surgery	98	W194	Ⓢ Ⓜ PtS
6:30 - 8:30	VE19	Best Videos from the Past	164	HC Stevens A5	
Wednesday, October 7					
7:00 - 7:45	TH12	Metabolic and Bariatric Surgery: Accreditation Controversies	49	W175	
7:00 - 7:45	TH15	Being an Expert Witness—When Are You Ready? How Do You Do It?	49	W475	
7:00 - 7:45	TH16	From Maintenance of Certification (MOC) to the Bedside: How Can the American College of Surgeons (ACS) Help You Prepare?	49	W470A	
8:00 - 9:30	PS300	Transanal Approaches to Colorectal Disease	98	W176	Ⓢ Ⓜ
8:00 - 9:30	PS301	Chest Trauma Can Be Tricky: Information All General Surgeons Will Want to Know	99	W375DE	Ⓢ Ⓜ T
8:00 - 9:30	PS302	Nonoperative Treatment for Appendicitis: Who, How and Why?	99	W375B	Ⓢ Ⓜ
8:00 - 9:30	PS303	Advanced Techniques in Pediatric Laparoscopy	99	W175	Ⓢ Ⓜ
8:00 - 9:30	PS304	Blood Thinners Are Getting Stronger and Harder to Reverse	100	W375A	Ⓢ Ⓜ PtS, T
8:00 - 9:30	PS306	Treatment of Chronic Venous Disease: Superficial to Deep	100	HMPCC Grant Park AB	Ⓢ Ⓜ
8:00 - 9:30	PS307	Women's Health Day: Gynecology for the Non-Gynecologic Surgeon	100	W194	Ⓢ Ⓜ
8:00 - 9:30	PS308	What Do We Do Now? Surgical Decision Making in Advanced Illness	101	HMPCC Grant Park CD	Ⓢ Ⓜ E, PM, PA
8:00 - 9:30	SF34	Trauma III	141	W193	T
8:00 - 11:15	SF35	Critical Care Surgery	141	W470A	
8:00 - 11:15	SF36	General Surgery II	142	W185	
8:00 - 9:30	VE21	Subject-Oriented Symposium III: Revisional Foregut—Which Is Best?	165	W178	
8:00 - 4:30	SSC13	Thyroid and Parathyroid Ultrasound	71	W183A	\$
8:30 - 4:00	DEC15	Managing Common Anorectal Complaints	64	W184A	\$
9:30 - 4:15	SSC15	Palliative Surgical Care	72	W187BC	\$ PM, PA

9:45 - 11:15	PS311	Current Controversies in Diagnosis and Management of Appendicitis in Children	102	W375B	Ⓢ Ⓜ
9:45 - 11:15	PS312	Fistulas, Shunts, and Peritoneal Dialysis Catheters: Tricks of the Trade	103	W192	Ⓢ Ⓜ
9:45 - 11:15	PS313	Managing Stress and Preventing Burnout: Strategies and Wellness Habits for Surgeons	103	W194	Ⓢ Ⓜ
9:45 - 11:15	PS315	Cancer Survivorship Care: What It Is and How to Do It	103	W175	Ⓢ Ⓜ
9:45 - 11:15	PS317	Infected Mesh: Prevention Strategies and Management	104	W375A	Ⓢ Ⓜ PtS, T
9:45 - 11:15	VE22	Subject-Oriented Symposium IV: Robotic Surgery	165	W475	
9:45 - 11:15	VE23	Endocrine Surgery	165	W178	
11:30 - 12:30	ME307	Management of the Axilla in T1 and T2 Breast Cancer	76	HMPCC Jackson Park C	\$
11:30 - 12:30	ME308	Minimally Invasive Parathyroidectomy: How I Do It	76	HMPCC Hyde Park B	\$
11:30 - 12:30	ME309	Minimally Invasive Treatment for Pancreatic Debridement	76	HMPCC DuSable BC	\$
11:30 - 12:30	ME310	Newer Targeted Therapies for Thyroid Cancer	76	HMPCC Burnham A	\$
11:30 - 12:30	ME312	Post-Herniorrhaphy Problems: Recurrence and Persistent Pain	76	HMPCC Clark BC	\$ PM
11:30 - 12:30	ME313	Robotic Renal Transplantation: Is There a Future?	76	HMPCC DuSable A	\$ E
11:30 - 12:30	VE31	Subject-Oriented Symposium II: Icons in Surgery (Encore)	166	W475	
12:45 - 2:15	PS320	Factors Shaping Surgery over the 20th Century II	105	W475	Ⓢ Ⓜ
12:45 - 2:15	PS321	Necrotizing Soft-Tissue Infections: Time Matters	105	W375C	Ⓢ Ⓜ PtS, T
12:45 - 2:15	PS323	Hepatectomy: Optimizing Outcomes	106	W375B	Ⓢ Ⓜ
12:45 - 4:00	SF41	General Surgery III	146	W196BC	
2:30 - 4:00	PS329	You're Not Alone: The Emotional Impact of Adverse Events	108	W193	Ⓢ Ⓜ E, PtS
2:30 - 4:00	PS332	Melanoma 2015: Integrating New Knowledge into Your Clinical Practice	109	W375B	Ⓢ Ⓜ
2:30 - 4:00	PS333	Changing Paradigms in the Management of Breast Cancer: Is Less Surgery Really Better?	109	W375A	Ⓢ Ⓜ
2:30 - 5:45	VE28	General Surgery III	168	W475	
4:15 - 5:45	PS335	Emerging Trends in the Workup and Management of Rectal Cancer	110	W375A	Ⓢ Ⓜ
4:15 - 5:45	PS338	Women's Health Day: The Surgeon's Role in Treating Endocrine and Metabolic Disorders	111	W185	Ⓢ Ⓜ
4:15 - 5:45	PS339	Intraoperative Radiotherapy	111	W192	Ⓢ Ⓜ
4:15 - 5:45	PS340	Review of the New American Thyroid Association (ATA) Guidelines on the Management of Well-Differentiated Thyroid Cancer	111	W375B	Ⓢ Ⓜ

Thursday, October 8					
8:00 - 9:30	PS401	Hyperparathyroidism: Primary vs. Secondary vs. Tertiary	113	W375A	⚙️ W
8:00 - 9:30	PS403	Managing the Unexpected Adnexal Mass	114	W375B	⚙️ W
8:00 - 9:30	PS404	Ten Hot Topics in General Surgery	114	W375C	⚙️ W PtS
8:00 - 9:30	PS405	Ten Hot Topics in Ensuring Surgical Safety	114	W194	⚙️ W
8:00 - 11:15	SF50	General Surgery IV	152	W192	
8:00 - 9:30	VE29	Hepatobiliary Surgery II	169	W475	
8:00 - 11:15	VE30	Bariatric Surgery	169	W178	
9:45 - 11:15	PS410	Novel Diagnostic and Treatment Options for Early Esophageal Cancer	116	W375C	⚙️ W
GERIATRIC / PALLIATIVE CARE (GER)					
Monday, October 5					
9:45 - 11:15	PS100	Frailty Indices as Indicators of Risk in Surgery for the Geriatric Patient	77	W375A	⚙️ W PtS
1:15 - 2:15	ME111	Opioid Prescribing: Striking the Balance between Patient Care and the Law	74	HMPCC Adler A	\$ E, PA
2:30 - 4:00	PS117	Geriatric Trauma: Low-Energy, High-Morbidity, and Mortality Injuries	82	W179	⚙️ W T
Tuesday, October 6					
7:00 - 7:45	TH05	Changes in Medical Malpractice Law: Disclosure, Apology and Offer	47	W179	E, PtS
2:30 - 5:45	SF29	Geriatric and Palliative Care	137	HMPCC Grant Park CD	PA
Wednesday, October 7					
8:00 - 9:30	PS308	What Do We Do Now?: Surgical Decision Making in Advanced Illness	101	HMPCC Grant Park CD	⚙️ W E, PM, PA
9:30 - 4:15	SSC15	Palliative Surgical Care	72	W187BC	\$
HEALTH POLICY: PRACTICE MANAGEMENT / REIMBURSEMENT / LIABILITY ISSUES (HP)					
Sunday, October 4					
8:30 - 4:00	DEC05	Office and Hospital Coding: What to Bill? How to Document and Appeal? 2015 Basic Coding Workshop	57	W187A	\$
Monday, October 5					
9:45 - 5:15	DEC08	Challenges in General Surgery Coding and Reimbursement: 2015 Advanced Coding Workshop	59	W180	\$
1:15 - 2:15	ME115	Quality Improvement in Your Cancer Program	74	HMPCC DuSable A	\$
2:30 - 4:00	PS115	Functional Ergonomics for Surgeons: Protect Your Neck and Your Career	82	W375A	⚙️ W
2:30 - 4:00	SF05	Quality, Safety, and Outcomes I	120	HMPCC Prairie B	PtS
Tuesday, October 6					
7:00 - 7:45	TH04	The Surgeon Specific Registry (SSR): Maintenance of Certification (MOC), Physician Quality Reporting System (PQRS) and Other Mandates	47	W375A	PtS

7:00 - 7:45	TH07	Developing and Participating in State and Regional Quality Improvement Consortia: How to Improve Your Delivery of Care	48	W470B	PtS
7:00 - 7:45	TH08	Maintenance of Certification: An Important Area for Our Fellows and Members to Understand	48	W475	
8:00 - 11:15	SF17	Quality, Safety, and Outcomes II	129	W187A	PtS
9:45 - 11:15	PS211	How to Assess Outcomes/Quality Improvement for Residents	90	W471B	⚙️ W PtS
11:30 - 12:30	ME211	Informatics for Managing Surgical Workflow	75	HMPCC Burnham A	\$
12:45 - 4:00	SF27	Quality, Safety, and Outcomes III	135	W470A	PtS
2:30 - 4:00	PS226	Avoiding Reimbursement Pitfalls: ICD-10 and Audits	95	W375C	⚙️ W
2:30 - 4:00	PS227	Crisis Management in the Operating Room	95	W375DE	⚙️ W PtS
4:15 - 5:45	PS236	Better Outcomes through Preoperative Optimization: Getting Your Patients Strong for Surgery	98	W194	⚙️ W PtS
Wednesday, October 7					
7:00 - 7:45	TH09	Women in Surgery: The Road Traveled, the Road Ahead	48	W375A	
7:00 - 7:45	TH14	Enhanced Reimbursement for "Premium" Surgery	49	W470B	
7:00 - 7:45	TH15	Being an Expert Witness—When Are You Ready? How Do You Do It?	49	W475	
8:00 - 3:30	DEC13	A Primer in Clinical Trials Design and Methodology	62	W184D	\$
9:45 - 11:15	PS310	Surgical Team-Building: The Role of Interprofessional Education in Developing a Highly Functioning Care Team	102	HMPCC Grant Park AB	⚙️ W PtS
9:45 - 11:15	PS313	Managing Stress and Preventing Burnout: Strategies and Wellness Habits for Surgeons	103	W194	⚙️ W
9:45 - 11:15	PS314	The Precarious State of GME Funding: What Is the Future?	103	W474B	⚙️ W
11:30 - 12:30	ME303	Centers of Excellence and Regionalized Health Care: What Does the Future Hold?	76	HMPCC Jackson Park D	\$
11:30 - 12:30	ME304	Conflict in Practice	76	HMPCC Hyde Park A	\$ E
11:30 - 12:30	ME314	Safe and Efficient Use of Electronic Health Records in the Surgical Practice	76	HMPCC Clark A	\$
11:30 - 12:30	ME315	Social Media for the Novice, Beginner, and Expert	76	HMPCC Burnham BC	\$
2:30 - 4:00	PS329	You're Not Alone: The Emotional Impact of Adverse Events	108	W193	⚙️ W E, PtS
2:30 - 5:45	SF45	Quality, Safety, and Outcomes IV	149	W474A	PtS

Thursday, October 8					
7:00 - 7:45	TH20	Reimbursement in the Age of Accountable Care Organizations (ACO) Bundling: What Are Surgeons Worth?	50	W375A	
8:00 - 11:15	SF51	Quality, Safety, and Outcomes V	153	W474B	PtS
9:45 - 11:15	PS406	Ten Hot Topics in Advocacy and Health Policy	115	W475	Ⓢ Ⓜ
9:45 - 11:15	PS409	Striving for Patient Satisfaction in the Era of the Affordable Care Act	116	W179	Ⓢ Ⓜ E
SURGICAL HUMANITARIAN OUTREACH (HUM)					
Monday, October 5					
1:15 - 2:15	PS130	<i>The Lancet</i> Commission on Global Surgery: Evidence and Solutions for Achieving Health, Welfare, and Economic Development	81	W176	Ⓢ Ⓜ
2:30 - 5:45	SF08	Global Surgery	122	W470B	
Tuesday, October 6					
11:30 - 12:30	SI10	Operation Giving Back Open Mic: Advocating for Surgery Around the World	44	W475	
Wednesday, October 7					
11:30 - 12:30	ME301	Let's Talk About Global Health Partnerships: Meet the New ACS Medical Director of Operation Giving Back	75	HMPCC Jackson Park A	\$
12:45 - 4:00	PS326	The College's International Scholars and Travelers 2015	107	W192	
2:30 - 5:45	PS334	Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2015 Volunteerism and Humanitarian Award Winners	110	HMPCC Grant Park CD	
INFORMATICS (INFO)					
Sunday, October 4					
9:00 - 4:30	DEC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care	58	W184A	\$ PtS
Monday, October 5					
1:15 - 2:15	ME107	Integrating New Technology into Surgical Practice	74	HMPCC Field A	\$ E, PtS
2:30 - 4:00	PS114	Top Gear—Innovations for Daily Use in the Life of a Surgeon	81	W178	Ⓢ Ⓜ PtS
Tuesday, October 6					
11:30 - 12:30	ME211	Informatics for Managing Surgical Workflow	75	HMPCC Burnham A	\$
Wednesday, October 7					
11:30 - 12:30	ME314	Safe and Efficient Use of Electronic Health Records in the Surgical Practice	76	HMPCC Clark A	\$
11:30 - 12:30	ME315	Social Media for the Novice, Beginner, and Expert	76	HMPCC Burnham BC	\$
4:15 - 5:45	PS341	Rectal Cancer Commission on Cancer Accreditation Panel	112	W196BC	Ⓢ Ⓜ
Thursday, October 8					
7:00 - 7:45	TH19	How Do We Credential Surgeons in the Use of New Technology?	50	W179	

INTERNATIONAL (INT)					
Monday, October 5					
1:15 - 2:15	PS130	<i>The Lancet</i> Commission on Global Surgery: Evidence and Solutions for Achieving Health, Welfare, and Economic Development	81	W176	Ⓢ Ⓜ
2:30 - 5:45	PS121	Latin America Day	83	HMPCC Grant Park CD	
4:15 - 5:45	PS125	Quality: WHO Checklist, SCIP Measures: How to Simplify and Implement Them Globally in Countries with Limited Resources	85	W178	Ⓢ Ⓜ PtS
Tuesday, October 6					
7:00 - 7:45	TH02	Surgical Education Around the World	47	W178	
8:00 - 11:15	VE11	International Video Session	161	W475	
11:30 - 12:30	SI10	Operation Giving Back Open Mic: Advocating for Surgery Around the World	44	W475	
Wednesday, October 7					
8:00 - 9:00	NL09	Distinguished Lecture of the International Society of Surgery	52	W179	Ⓢ
11:30 - 12:30	ME301	Let's Talk about Global Health Partnerships: Meet the New ACS Medical Director of Operation Giving Back	75	HMPCC Jackson Park A	\$
12:45 - 4:00	PS326	The College's International Scholars and Travelers 2015	107	W192	
4:15 - 5:45	PS336	Building a Surgical Career around the World	110	W178	Ⓢ Ⓜ
Thursday, October 8					
8:00 - 9:30	PS400	The Role/Impact of Telemedicine on Surgical Outreach Programs	112	W179	Ⓢ Ⓜ PtS
NEUROSURGERY (NEU)					
Sunday, October 4					
8:00 - 3:30	DEC04	Trauma Update 2015	57	W185	\$ T
Monday, October 5					
2:30 - 3:30	NL03	Charles G. Drake History of Surgery Lecture	51	W375B	Ⓢ
Tuesday, October 6					
12:45 - 2:15	VE15	Neurological Surgery	162	W176	
4:15 - 5:45	PS233	Management of Trauma of the Subaxial Spine	97	W475	Ⓢ Ⓜ T
Wednesday, October 7					
8:00 - 9:30	PS304	Blood Thinners Are Getting Stronger and Harder to Reverse	100	W375A	Ⓢ Ⓜ PtS, T
8:00 - 9:30	SF33	Neurological Surgery	140	W470B	
2:30 - 4:00	PS328	New Horizons in Skull-Based Surgery	108	W471A	Ⓢ Ⓜ
OBSTETRICS AND GYNECOLOGY (OBG)					
Monday, October 5					
4:15 - 5:45	PS123	Dealing with Complications of Pelvic Surgery	84	W375C	Ⓢ Ⓜ T

Tuesday, October 6					
8:00 - 9:30	SF13	Obstetrics and Gynecology	126	W474B	
12:45 - 2:15	PS221	Acute Abdomen during Pregnancy	93	W375C	♂ W
Wednesday, October 7					
8:00 - 9:30	PS307	Women's Health Day: Gynecology for the Non-Gynecologic Surgeon	100	W194	♂ W
9:45 - 11:15	PS317	Infected Mesh: Prevention Strategies and Management	104	W375A	♂ W PtS, T
11:30 - 12:30	ME303	Centers of Excellence and Regionalized Health Care: What Does the Future Hold?	76	HMPCC Jackson Park D	\$
2:30 - 4:00	PS330	Women's Health Day: Managing Pelvic Floor Disorders	109	W470A	♂ W
Thursday, October 8					
8:00 - 9:30	PS403	Managing the Unexpected Adnexal Mass	114	W375B	♂ W
SURGICAL ONCOLOGY (ONC)					
Saturday, October 3					
10:00 - 5:15	SSC03	Oncoplastic Breast Surgery for the General Surgeon	65	NU SIM	\$
Monday, October 5					
9:45 - 11:15	PS105	Lumps and Bumps: Current Management of Soft-Tissue Sarcomas	78	W375C	♂ W
11:30 - 1:00	SF03	Colon and Rectal Surgery I	119	W196BC	
1:15 - 2:15	ME102	Approaches to Nipple-Sparing Mastectomy	74	HMPCC Jackson Park A	\$
1:15 - 2:15	ME108	Medullary Thyroid Carcinoma: What Do You Need to Know?	74	HMPCC Burnham BC	\$
1:15 - 2:15	ME109	How to Write a Successful Patient-Centered Outcomes Research Institute (PCORI) Grant	74	HMPCC Clark BC	\$
1:15 - 2:15	ME112	Optimizing Outcomes in Liver and Pancreatic Surgery	74	HMPCC Hyde Park A	\$
1:15 - 2:15	ME115	Quality Improvement in Your Cancer Program	74	HMPCC DuSable A	\$
2:30 - 5:45	SF11	Surgical Oncology I	125	W470A	
4:15 - 5:00	NL04	I.S. Ravdin Lecture in the Basic and Surgical Sciences	51	W179	♂
Tuesday, October 6					
8:00 - 9:30	PS203	Patient-Centered Outcomes Research: What Is It and How to Do It	87	W175	♂ W PtS
8:00 - 9:30	PS205	Lung Cancer Quality Improvement: Using ACS NSQIP® to Improve Cancer Care Quality	88	W176	♂ W PtS
8:30 - 5:45	SSC11	Advanced Hepatopancreatobiliary (HPB) Ultrasound	70	W183A	\$
9:45 - 11:15	PS209	Current Controversies in Surgical Oncology	89	W375A	♂ W
9:45 - 11:15	PS212	GE Junction Adenocarcinoma: Defying the Odds	90	W375B	♂ W
9:45 - 11:15	SF23	Colon and Rectal Surgery II	133	W179	

11:30 - 12:30	ME204	Breast Cancer Management in 2015	75	HMPCC Clark BC	\$
11:30 - 12:30	ME213	Lymphedema after Breast Surgery	75	HMPCC Jackson Park B	\$
12:45 - 2:15	PS219	Controversies in Breast Reconstruction	92	HMPCC Grant Park AB	♂ W
2:30 - 4:00	PS223	Current Treatments of Lymphedema	94	W375B	♂ W
2:30 - 5:45	SF28	Breast	136	HMPCC Grant Park AB	
Wednesday, October 7					
8:00 - 11:15	SF38	Surgical Oncology II	144	W474A	
9:30 - 4:15	SSC15	Palliative Surgical Care	72	W187BC	\$ PM, PA
9:45 - 11:15	PS315	Cancer Survivorship Care: What It Is and How to Do It	103	W175	♂ W
9:45 - 11:15	SF39	Colon and Rectal Surgery III	145	HMPCC Grant Park CD	
11:30 - 12:30	ME307	Management of the Axilla in T1 and T2 Breast Cancer	76	HMPCC Jackson Park C	\$
11:30 - 12:30	ME310	Newer Targeted Therapies for Thyroid Cancer	76	HMPCC Burnham A	\$
12:45 - 1:45	NL11	Commission on Cancer Oncology Lecture	53	W179	♂
2:30 - 4:00	PS331	Genetic Testing for Cancer: What You Need to Know for Your Practice	109	W194	♂ W
2:30 - 4:00	PS332	Melanoma 2015: Integrating New Knowledge into Your Clinical Practice	109	W375B	♂ W
2:30 - 4:00	PS333	Changing Paradigms in the Management of Breast Cancer: Is Less Surgery Really Better?	109	W375A	♂ W
2:30 - 4:00	SF42	Colon and Rectal Surgery IV	146	W375C	
4:15 - 5:45	PS335	Emerging Trends in the Workup and Management of Rectal Cancer	110	W375A	♂ W
4:15 - 5:45	PS342	Best Practices and Latest Evidence: How Should Recently Reported Clinical Trials Change the Surgical Oncology Practice Today?	112	W194	♂ W
Thursday, October 8					
8:00 - 11:15	SF49	Colon and Rectal Surgery V	151	W193	
8:00 - 11:15	SF52	Surgical Oncology III	154	W470A	
9:45 - 11:15	PS408	The College's Clinical Scholars 2015	115	W196BC	PtS
9:45 - 11:15	PS410	Novel Diagnostic and Treatment Options for Early Esophageal Cancer	116	W375C	♂ W
OPHTHALMIC SURGERY (OPHTHO)					
Monday, October 5					
4:15 - 5:45	PS128	Ophthalmic Trauma in the ER, in the OR, and on the Battlefield	85	W176	♂ W T
Wednesday, October 7					
7:00 - 7:45	TH14	Enhanced Reimbursement for "Premium" Surgery	49	W470B	

* For a description of this session, please see the page number noted.

ORTHOPAEDIC SURGERY (ORT)					
Monday, October 5					
9:45 - 11:15	PS105	Lumps and Bumps: Current Management of Soft-Tissue Sarcomas	78	W375C	⚙️ W
2:30 - 4:00	VE07	Orthopaedic Surgery	159	W184D	
4:15 - 5:45	PS126	Modern Management of the Mangled Extremity	85	W175	⚙️ W T
Tuesday, October 6					
9:45 - 11:15	SF24	Orthopaedic Surgery	134	W193	
4:15 - 5:45	PS233	Management of Trauma of the Subaxial Spine	97	W475	⚙️ W T
Wednesday, October 7					
4:15 - 5:45	PS338	Women's Health Day: The Surgeon's Role in Treating Endocrine and Metabolic Disorders	111	W185	⚙️ W
OTOLARYNGOLOGY - HEAD & NECK SURGERY (OTO)					
Monday, October 5					
11:30 - 1:00	PS112	Thyroid Nodules: What Am I Supposed to Do?	80	W375A	⚙️ W
11:30 - 1:00	VE05	Otolaryngology—Head and Neck Surgery	158	W184D	
1:15 - 2:15	ME108	Medullary Thyroid Carcinoma: What Do You Need to Know?	74	HMPCC Burnham BC	\$
2:30 - 4:00	PS118	Head and Neck Cutaneous Malignancies	83	W176	⚙️ W
4:15 - 5:45	PS127	Adult Neck Mass: Contemporary Evaluation and Treatment Strategies	85	W375A	⚙️ W
Tuesday, October 6					
9:45 - 11:15	PS210	Button Batteries and Magnets: Ingestion of Foreign Bodies	89	W375C	⚙️ W PtS
11:30 - 12:30	ME207	Current Management of Thyroid Nodules	75	HMPCC Adler B	\$
12:45 - 2:15	PS220	How I Stop Bleeding	93	W375A	⚙️ W T
Wednesday, October 7					
8:00 - 4:30	SSC13	Thyroid and Parathyroid Ultrasound	71	W183A	\$
11:30 - 12:30	ME308	Minimally Invasive Parathyroidectomy: How I Do It	76	HMPCC Hyde Park B	\$
11:30 - 12:30	ME310	Newer Targeted Therapies for Thyroid Cancer	76	HMPCC Burnham A	\$
12:45 - 2:15	PS321	Necrotizing Soft-Tissue Infections: Time Matter	105	W375C	⚙️ W PtS, T
2:30 - 4:00	PS328	New Horizons in Skull-Based Surgery	108	W471A	⚙️ W
4:15 - 5:45	PS340	Review of the New American Thyroid Association (ATA) Guidelines on the Management of Well-Differentiated Thyroid Cancer	111	W375B	⚙️ W
Thursday, October 8					
8:00 - 9:30	PS401	Hyperparathyroidism: Primary vs. Secondary vs. Tertiary	113	W375A	⚙️ W

PEDIATRIC SURGERY (PED)					
Monday, October 5					
9:45 - 11:15	SF01	Pediatric Surgery I	117	W470B	
9:45 - 5:15	SSC07	Ultrasound for Pediatric Surgeons	68	W183A	\$
11:30 - 1:00	PS113	Controversies in the Management of Gastro-esophageal Reflux in Children	81	W181	⚙️ W
1:15 - 2:15	ME113	Pediatric Urology	74	HMPCC Clark A	\$
Tuesday, October 6					
8:00 - 11:15	SF16	Pediatric Surgery II	128	W470B	
11:30 - 12:30	ME208	Enteral Access for Nutrition	75	HMPCC Field A	\$ T
11:30 - 12:30	ME216	The Art and Science of Sacral Nerve Stimulation	75	HMPCC Hyde Park A	\$
12:45 - 2:15	PS216	Current Management of Polyposis Syndromes in the Pediatric and Adolescent Population	92	W193	⚙️ W T
12:45 - 2:15	SF26	Pediatric Surgery III	135	HMPCC Grant Park CD	
4:15 - 5:45	PS235	CT Technology in the Evaluation of the Injured Patient: Is It Worth "Choosing Wisely" or Better to "Pan-Scan"?	97	W179	⚙️ W T
Wednesday, October 7					
8:00 - 9:30	PS303	Advanced Techniques in Pediatric Laparoscopy	99	W175	⚙️ W
9:45 - 11:15	PS311	Current Controversies in Diagnosis and Management of Appendicitis in Children	102	W375B	⚙️ W PM
11:30 - 12:30	ME312	Post-Herniorrhaphy Problems: Recurrence and Persistent Pain	76	HMPCC Clark BC	\$ PM
2:30 - 5:45	VE27	Pediatric Surgery	168	W470B	
PLASTIC AND MAXILLOFACIAL SURGERY (PLA)					
Saturday, October 3					
8:30 - 5:30	SSC02	Advanced Skills Training for Rural Surgeons: Laparoscopic Bile Duct Exploration and Facial Lacerations	65	NU SIM	\$
Monday, October 5					
4:15 - 5:45	VE32	Plastic Surgery	159	W184D	
Tuesday, October 6					
8:00 - 9:30	PS200	Integrated Surgical Management of Metastatic Breast Cancer	86	W375B	⚙️ W
12:45 - 2:15	PS219	Controversies in Breast Reconstruction	92	HMPCC Grant Park AB	⚙️ W
2:30 - 4:00	PS223	Current Treatments of Lymphedema	94	W375B	⚙️ W
2:30 - 5:45	SF31	Plastic and Maxillofacial Surgery I	139	W193	
Wednesday, October 7					
8:00 - 9:30	PS305	What Works and What Doesn't: An Update on Wound Healing	100	W196BC	⚙️ W

8:00 - 9:30	PS306	Treatment of Chronic Venous Disease: Superficial to Deep	100	HMPCC Grant Park AB	⚡ W
9:45 - 11:15	PS316	Women's Health Day: What's New in Body Contouring and Reconstructive Surgery?	104	W193	⚡ W
2:30 - 5:45	SF44	Plastic and Maxillofacial Surgery II	148	HMPCC Grant Park AB	
Thursday, October 8					
8:00 - 9:30	SF47	Plastic and Maxillofacial Surgery III	150	W471A	
RESIDENTS / MEDICAL STUDENTS (RES/MED)					
Sunday, October 4					
11:30 - 3:00	SI02	Focus on RAS-ACS	41	W196A	
11:30 - 6:00	SI01	Medical Student Program (Day I)	41	W190	
3:00 - 5:30	SI03	Resident and Associate Society (RAS) Symposium Social Media: Threat to Professionalism and Privacy, or Essential for Current Surgical Practice?	41	W193	
Monday, October 5					
9:45 - 11:15	PS102	Entrustable Professional Activities and Milestones: New Strategies for Surgical Teaching in the Operating Room	77	W194	⚡ W
10:00 - 6:00	SI04	Surgery Resident Program Starting Surgical Practice: Essentials for Success	42	W192	
12:45 - 6:00	SI05	Medical Student Program (Day II)	43	W194	
2:30 - 4:00	PS116	Initiates' Program: The Surgical Career, the Joys, the Struggles, and the Rewards	82	W175	⚡ W
5:30 - 9:00	SI07	Cardiothoracic Surgery in the Future: Technology Overview for Residents and Medical Students	44	SI02	
Tuesday, October 6					
7:00 - 7:45	TH01	Development of a Rural Track in Residency	47	W176	
8:00 - 11:15	PS207	Spectacular Cases	88	HMPCC Prairie B	
9:45 - 11:15	PS211	How to Assess Outcomes/Quality Improvement for Residents	90	W471B	⚡ W PtS
11:30 - 12:30	ME203	Balancing an Academic Career and Personal Needs	75	HMPCC DuSable A	\$
11:30 - 12:30	ME210	Increasing Diversity in the Surgical Workforce	75	HMPCC Clark A	\$
12:45 - 2:15	PS214	Captain to Team Player: How Do We Train Residents to Play in the Modern Sandbox?	75	W175	⚡ W PtS
12:45 - 5:00	PS222	Association of Program Directors in Surgery (APDS) Panels	93	W196BC	
1:00 - 6:00	SI11	Medical Student Program (Day III)	45	W194	

4:15 - 5:45	SI13	Rural Surgeons Open Forum and Oweida Scholarship Presentation	45	W471A	
Wednesday, October 7					
7:00 - 7:45	TH13	Is Current Surgical Training Adequate: Pros and Cons	49	W178	
8:00 - 11:15	PS309	Surgical Jeopardy	101	W375C	
9:45 - 11:15	PS313	Managing Stress and Preventing Burnout: Strategies and Wellness Habits for Surgeons	103	W194	⚡ W
9:45 - 11:15	PS314	The Precarious State of GME Funding: What Is the Future?	103	W474B	⚡ W
11:30 - 12:30	ME315	Social Media for the Novice, Beginner, and Expert	76	HMPCC Burnham BC	\$
2:30 - 4:00	PS327	Research Training During Residency: Time for a Reality Check?	108	W185	⚡ W
4:15 - 5:45	PS337	Educational Impact of the Electronic Health Record	111	W193	⚡ W
Thursday, October 8					
7:00 - 7:45	TH18	Flexibility in Surgical Training—Moving beyond the Concept	50	W178	
RURAL SURGERY (RUS)					
Saturday, October 3					
8:30 - 4:00	DEC02	Emergency General Surgery Update 2015	56	W185	\$ PtS, T
8:30 - 5:30	SSC02	Advanced Skills Training for Rural Surgeons: Laparoscopic Bile Duct Exploration and Facial Lacerations	65	NU SIM	\$
Monday, October 5					
9:45 - 11:15	PS103	Novel Treatments for Gastroesophageal Reflux Disease	78	W196BC	⚡ W
11:30 - 1:00	PS109	Fatigue and the Surgeon—Monitoring, Regulation, and Professionalism	79	HMPCC Grant Park CD	⚡ W E, PtS
11:30 - 1:00	PS110	Enhanced Recovery Protocols for Gastrointestinal Surgery: The Surgical Multimodal Accelerated Recovery Trajectory (SMART) Approach	80	W375B	⚡ W PtS
1:00 - 5:15	SSC09	Advanced Colonoscopy Skills Course: New Interventions and Frontiers	69	W184A	\$
2:30 - 4:00	PS117	Geriatric Trauma: Low-Energy, High-Morbidity, and Mortality Injuries	82	W179	⚡ W T
2:30 - 4:00	PS119	Controversies and Current Management of Acute Large Bowel Obstructions	83	W375DE	⚡ W
2:30 - 4:00	PS120	Acute Cholecystitis and the Common Duct Stone: Oh, the Pain!	83	W375C	⚡ W T
4:15 - 5:45	PS122	Holes in Places They Shouldn't Be: Approaches to the Acute Abdomen	84	W375B	⚡ W PtS, T
4:15 - 5:45	PS127	Adult Neck Mass: Contemporary Evaluation and Treatment Strategies	85	W375A	⚡ W

4:15 - 5:45	PS128	Ophthalmic Trauma in the ER, in the OR, and on the Battlefield	85	W176	⚙️ (W) T
4:15 - 5:45	PS129	Laparoscopic Ventral Hernia Repair: Which Mesh Should I Fetch?	86	W375DE	⚙️ (W) T
Tuesday, October 6					
7:00 - 7:45	TH01	Development of a Rural Track in Residency	47	W176	
8:00 - 9:30	PS202	Dealing with the Failed Intestinal Anastomosis	87	W375C	⚙️ (W) T
8:00 - 9:30	PS204	The Bad Infections: Tools to Keep Ahead of Difficult Infections and Resistant Organisms	87	W196BC	⚙️ (W) T
8:00 - 9:30	PS206	Novel Ways to Prevent Incisional Hernias and Adhesions	88	W375DE	⚙️ (W) T
9:45 - 11:15	PS210	Button Batteries and Magnets: Ingestion of Foreign Bodies	89	W375C	⚙️ (W) PtS
9:45 - 11:15	PS213	Do I Need to Operate on That in the Middle of the Night?	91	W375DE	⚙️ (W) PtS, T
11:30 - 12:30	ME208	Enteral Access for Nutrition	75	HMPCC Field A	\$ T
11:30 - 12:30	PS238	Antibiotics First: A New Standard for Uncomplicated Appendicitis?	91	W375A	⚙️ (W) T
12:45 - 2:15	PS220	How I Stop Bleeding	93	W375A	⚙️ (W) T
2:30 - 4:00	PS227	Crisis Management in the Operating Room	95	W375DE	⚙️ (W) PtS
4:15 - 5:45	PS231	Challenging Emergency Surgery Cases: Lessons from the Experts	96	W375DE	⚙️ (W) T
4:15 - 5:45	PS235	CT Technology in the Evaluation of the Injured Patient: Is It Worth "Choosing Wisely" or Better to "Pan-Scan"?	97	W179	⚙️ (W) T
Wednesday, October 7					
7:00 - 7:45	TH10	Finding Awe in Your Work	48	W179	
8:00 - 9:30	PS300	Transanal Approaches to Colorectal Disease	98	W176	⚙️ (W) T
8:00 - 9:30	PS307	Women's Health Day: Gynecology for the Non-Gynecologic Surgeon	100	W194	⚙️ (W) T
8:30 - 4:00	DEC15	Managing Common Anorectal Complaints	64	W184A	\$
9:45 - 11:15	PS311	Current Controversies in Diagnosis and Management of Appendicitis in Children	102	W375B	⚙️ (W) T
11:30 - 12:30	ME311	Part IV Maintenance of Certification: Urban vs. Rural	76	HMPCC Adler A	\$
11:30 - 12:30	ME312	Post-Herniorrhaphy Problems: Recurrence and Persistent Pain	76	HMPCC Clark BC	\$ PM
2:30 - 4:00	PS329	You're Not Alone: The Emotional Impact of Adverse Events	108	W193	⚙️ (W) E, PtS
Thursday, October 8					
7:00 - 7:45	TH18	Flexibility in Surgical Training—Moving beyond the Concept	50	W178	

8:00 - 9:30	PS405	Ten Hot Topics in Ensuring Surgical Safety	114	W194	⚙️ (W) T
TRAUMA/CRITICAL CARE (TRA)					
Saturday, October 3					
8:30 - 4:00	DEC02	Emergency General Surgery Update 2015	56	W185	\$ PtS, T
Sunday, October 4					
8:00 - 3:30	DEC04	Trauma Update 2015	57	W185	\$ T
8:30 - 5:15	SSC05	Practical Applications of Ultrasonography in the Intensive Care Unit (Echocardiography)	67	W183A	\$ T
9:00 - 2:15	SSC06	Rib Plating	67	W184D	\$ T
Monday, October 5					
9:45 - 11:15	PS104	Lower Gastrointestinal Bleeding: Diagnostic Workup and Evidence-Based Interventions	78	W375DE	⚙️ (W) T
10:00 - 5:00	DEC09-1	General Surgery Review Course	60	W185	\$
11:30 - 1:00	PS106	Penetrating Abdominal Trauma: Lessons from Military and Civilian Settings	78	W375DE	⚙️ (W) T
11:30 - 1:00	PS108	Contemporary Management of Complicated Diverticulitis: Concepts and Controversies	79	W375C	⚙️ (W) T
11:30 - 1:00	VE06	Trauma	158	W470B	T
1:15 - 2:15	ME103	Fixation of Rib Fractures	74	HMPCC Jackson Park B	\$ T
1:15 - 2:15	ME106	Genitourinary Trauma	74	HMPCC Burnham A	\$ T
2:30 - 4:00	PS117	Geriatric Trauma: Low-Energy, High-Morbidity, and Mortality Injuries	82	W179	⚙️ (W) T
2:30 - 4:00	PS120	Acute Cholecystitis and the Common Duct Stone: Oh, the Pain!	83	W375C	⚙️ (W) T
4:15 - 5:45	PS122	Holes in Places They Shouldn't Be: Approaches to the Acute Abdomen	84	W375B	⚙️ (W) PtS, T
4:15 - 5:45	PS126	Modern Management of the Mangled Extremity	85	W175	⚙️ (W) T
4:15 - 5:45	PS128	Ophthalmic Trauma in the ER, in the OR, and on the Battlefield	85	W176	⚙️ (W) T
Tuesday, October 6					
8:00 - 4:00	DEC09-2	General Surgery Review Course	60	W185	\$
8:00 - 9:30	PS202	Dealing with the Failed Intestinal Anastomosis	87	W375C	⚙️ (W) T
8:00 - 9:30	PS204	The Bad Infections: Tools to Keep Ahead of Difficult Infections and Resistant Organisms	87	W196BC	⚙️ (W) T
8:00 - 11:15	SF20	Trauma I	131	W194	T
9:45 - 11:15	PS213	Do I Need to Operate on That in the Middle of the Night?	91	W375DE	⚙️ (W) PtS, T
11:30 - 12:30	ME206	Complex Abdominal Trauma	75	HMPCC Jackson Park C	\$ T
11:30 - 12:30	ME208	Enteral Access for Nutrition	75	HMPCC Field A	\$ T

* For a description of this session, please see the page number noted.

11:30 - 12:30	ME209	Necrotizing Soft-Tissue Infections	75	HMPCC Field BC	\$ T
12:45 - 1:30	NL07	Scudder Oration on Trauma	52	W375DE	⚡ T
12:45 - 2:15	PS220	How I Stop Bleeding	93	W375A	⚡ W T
12:45 - 2:15	PS221	Acute Abdomen during Pregnancy	93	W375C	⚡ W
2:30 - 5:45	SF32	Trauma II	139	W176	T
4:15 - 5:45	PS231	Challenging Emergency Surgery Cases: Lessons from the Experts	96	W375DE	⚡ W T
4:15 - 5:45	PS233	Management of Trauma of the Subaxial Spine	97	W475	⚡ W T
4:15 - 5:45	PS235	CT Technology in the Evaluation of the Injured Patient: Is It Worth "Choosing Wisely" or Better to "Pan-Scan"?	97	W179	⚡ W T
Wednesday, October 7					
8:00 - 5:15	DEC14	Annual Update in Surgical Critical Care	63	W180	\$ T
8:00 - 9:30	PS301	Chest Trauma Can Be Tricky: Information All General Surgeons Will Want to Know	99	W375DE	⚡ W T
8:00 - 9:30	SF34	Trauma III	141	W193	T
8:00 - 11:15	SF35	Critical Care Surgery	141	W470A	
9:45 - 11:15	PS317	Infected Mesh: Prevention Strategies and Management	104	W375A	⚡ W PtS, T
9:45 - 11:15	PS319	Challenging Trauma Cases: Lessons from the Experts	105	W375DE	⚡ W T
2:30 - 5:45	VE26	Surgical Cases in Trauma	167	W176	T
Thursday, October 8					
9:45 - 11:15	PS407	Ten Hot Topics in Critical Care	115	W375B	⚡ W T
UROLOGY (URO)					
Monday, October 5					
8:00 - 9:30	NL01	Opening Ceremony/Martin Memorial Lecture Sponsored by the American Urological Association	51	W375DE	⚡
11:30 - 1:00	PS111	Controversies in the Management of Localized Prostate Cancer	80	HMPCC Grant Park AB	⚡ W
1:15 - 2:15	ME106	Genitourinary Trauma	74	HMPCC Burnham A	\$ T
1:15 - 2:15	ME113	Pediatric Urology	74	HMPCC Clark A	\$
2:30 - 5:45	SF12	Urological Surgery I	126	W193	
4:15 - 5:45	PS123	Dealing with Complications of Pelvic Surgery	84	W375C	⚡ W T
Tuesday, October 6					
9:45 - 11:15	SF25	Urological Surgery II	134	W474A	
11:30 - 12:30	ME216	The Art and Science of Sacral Nerve Stimulation	75	HMPCC Hyde Park A	\$
2:30 - 4:00	PS225	Management of Rectourethral Fistula	94	W194	⚡ W

4:15 - 5:45	PS232	Pelvic Organ Prolapse: Multidisciplinary Strategies for Care	97	W185	⚡ W
Wednesday, October 7					
8:00 - 9:30	VE20	Urological Surgery	164	W475	
11:30 - 12:30	ME313	Robotic Renal Transplantation: Is There a Future?	76	HMPCC DuSable A	\$ E
12:45 - 2:15	PS321	Necrotizing Soft-Tissue Infections: Time Matters	105	W375C	⚡ W PtS, T
2:30 - 4:00	PS330	Women's Health Day: Managing Pelvic Floor Disorders	109	W470A	⚡ W
VASCULAR SURGERY (VAS)					
Saturday, October 3					
8:00 - 3:30	DEC01	Review of the Essentials of Vascular Surgery	55	W180	\$
Monday, October 5					
10:00 - 5:15	SSC08	Endovascular Skills for Hemorrhage Control	68	GCSI	\$ T
2:30 - 4:00	PS115	Functional Ergonomics for Surgeons: Protect Your Neck and Your Career	82	W375A	⚡ W
4:15 - 5:45	PS126	Modern Management of the Mangled Extremity	85	W175	⚡ W T
Tuesday, October 6					
8:00 - 11:15	SF21	Vascular Surgery I	132	HMPCC Grant Park AB	
12:45 - 2:15	PS220	How I Stop Bleeding	93	W375A	⚡ W T
2:30 - 4:00	PS223	Current Treatments of Lymphedema	94	W375B	⚡ W
2:30 - 4:00	PS224	Thoracic Aortic Disease Management: From the Aortic Valve to the Bifurcation	94	W471A	⚡ W
Wednesday, October 7					
8:00 - 9:30	PS304	Blood Thinners Are Getting Stronger and Harder to Reverse	100	W375A	⚡ W PtS, T
8:00 - 9:30	PS306	Treatment of Chronic Venous Disease: Superficial to Deep	100	HMPCC Grant Park AB	⚡ W
9:45 - 11:15	PS312	Fistulas, Shunts, and Peritoneal Dialysis Catheters: Tricks of the Trade	103	W192	⚡ W
9:45 - 11:15	VE24	Vascular Surgery	166	W176	
12:45 - 2:15	PS320	Factors Shaping Surgery over the 20th Century II	105	W475	⚡ W
12:45 - 2:15	PS325	Contemporary Issues in Managing Lower Extremity Arterial Disease	106	W194	⚡ W
2:30 - 5:45	SF46	Vascular Surgery II	150	W474B	
Thursday, October 8					
8:00 - 9:30	PS402	Modern Multidisciplinary Approach to Aortic Diseases	113	W474A	⚡ W
8:00 - 11:15	SF53	Vascular Surgery III	155	W470B	

Credit to Address Regulatory Mandates

Key to Session/Course Codes

DEC	Didactic/Experiential Course
ME	Meet-the-Expert Luncheon
NL	Named Lecture
PS	Panel Session
SF	Scientific Forum
SI	Special Interest Session
SSC	Surgical Skills Course
TH	Town Hall Meeting
VE	Video-Based Session

Location Abbreviations

W	McCormick Place West
HMPCC	Hyatt McCormick Place Conference Center
GCSI	Grainger Center for Simulation and Innovation

\$ indicates that additional fees and registration apply

Ⓢ indicates a webcast session (webcast package available for purchase)

Ⓜ indicates an Audio session
























ETHICS (E)				
Monday, October 5				
10:00 - 5:00	DEC10	Practical Communication Skills for Difficult Patient Encounters	W187BC	\$
11:30 - 1:00	PS109	Fatigue and the Surgeon—Monitoring, Regulation, and Professionalism	HMPCC Grant Park CD	Ⓢ Ⓜ
1:15 - 2:15	ME107	Integrating New Technology into Surgical Practice	HMPCC Field A	\$
1:15 - 2:15	ME111	Opioid Prescribing: Striking the Balance between Patient Care and the Law	HMPCC Adler A	\$
Tuesday, October 6				
8:00 - 11:15	SF15	Ethics	W470A	
9:45 - 11:15	PS208	Should That Surgeon Be Operating?	W176	Ⓢ Ⓜ
11:30 - 12:30	ME205	Caring for Patients Who Are Jehovah's Witnesses	HMPCC Adler A	\$
2:30 - 5:45	PS229	Ethics Colloquium: Disclosure and the Ethical Surgeon	W175	Ⓢ Ⓜ
Wednesday, October 7				
8:00 - 9:30	PS308	What Do We Do Now?: Surgical Decision Making in Advanced Illness	HMPCC Grant Park CD	Ⓢ Ⓜ
9:45 - 10:45	NL10	John J. Conley Ethics and Philosophy Lecture	W196BC	Ⓢ
11:30 - 12:30	ME304	Conflict in Practice	HMPCC Hyde Park A	\$
11:30 - 12:30	ME313	Robotic Renal Transplantation: Is There a Future?	HMPCC DuSable A	\$
2:30 - 4:00	PS329	You're Not Alone: The Emotional Impact of Adverse Events	W193	Ⓢ Ⓜ
Thursday, October 8				
9:45 - 11:15	PS409	Striving for Patient Satisfaction in the Era of the Affordable Care Act	W179	Ⓢ Ⓜ
PAIN MANAGEMENT (PM)				
Tuesday, October 6				
11:30 - 12:30	ME201	Addressing Chronic Pain following Inguinal Hernia Repair	HMPCC DuSable BC	\$
Wednesday, October 7				
8:00 - 9:30	PS308	What Do We Do Now?: Surgical Decision Making in Advanced Illness	HMPCC Grant Park CD	Ⓢ Ⓜ
9:00 - 4:15	SSC15	Palliative Surgical Care	W187BC	\$

11:30 - 12:30	ME312	Post-Herniorrhaphy Problems: Recurrence and Persistent Pain	HMPCC Clark BC	\$
PALLIATIVE CARE (PA)				
Monday, October 5				
1:15 - 2:15	ME111	Opioid Prescribing: Striking the Balance between Patient Care and the Law	HMPCC Adler A	\$
Tuesday, October 6				
11:30 - 12:30	ME205	Caring for Patients Who Are Jehovah's Witnesses	HMPCC Adler A	\$
2:30 - 5:45	SF29	Geriatric and Palliative Care	HMPCC Grant Park CD	
Wednesday, October 7				
8:00 - 9:30	PS308	What Do We Do Now? Surgical Decision Making in Advanced Illness	HMPCC Grant Park CD	Ⓢ Ⓜ
9:30 - 4:15	SSC15	Palliative Surgical Care	W187BC	\$
PATIENT SAFETY (PTS)				
Saturday, October 3				
8:30 - 4:00	DEC02	Emergency General Surgery Update 2015	W185	\$
9:00 - 1:15	DEC03	Fundamental Use of Surgical Energy (FUSE)	W184D	\$
10:00 - 5:30	SSC01	Bariatric Surgery: Managing Complications—Skills and Strategies	W184A	\$
Sunday, October 4				
8:00 - 12:15	SSC04A	Surgical Endoscopy: Advancing Minimally Invasive Surgery and Retooling Our Workforce (Lecture Only)	W181	\$
8:00 - 5:30	SSC04B	Surgical Endoscopy: Advancing Minimally Invasive Surgery and Retooling Our Workforce (Lecture and Lab)	W181	\$
9:00 - 4:30	DEC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care	W184A	\$
Monday, October 5				
9:45 - 11:15	PS100	Frailty Indices as Indicators of Risk in Surgery for the Geriatric Patient	W375A	Ⓢ Ⓜ
11:30 - 1:00	PS109	Fatigue and the Surgeon—Monitoring, Regulation, and Professionalism	HMPCC Grant Park CD	Ⓢ Ⓜ

* For a description of this session, please see the page number noted.

11:30 - 1:00	PS110	Enhanced Recovery Protocols for Gastrointestinal Surgery: The Surgical Multimodal Accelerated Recovery Trajectory (SMART) Approach	W375B	Ⓢ Ⓜ
1:15 - 2:15	ME107	Integrating New Technology into Surgical Practice	HMPCC Field A	\$
2:30 - 4:00	PS114	Top Gear—Innovations for Daily Use in the Life of a Surgeon	W178	Ⓢ Ⓜ
2:30 - 4:00	SF05	Quality, Safety, and Outcomes I	HMPCC Prairie B	
4:15 - 5:45	PS122	Holes in Places They Shouldn't Be: Approaches to the Acute Abdomen	W375B	Ⓢ Ⓜ
4:15 - 5:45	PS125	Quality: WHO Checklist, SCIP Measures: How to Simplify and Implement Them Globally in Countries with Limited Resources	W178	Ⓢ Ⓜ
Tuesday, October 6				
8:00 - 9:30	PS201	Quality Assessment in Surgery	W375A	Ⓢ Ⓜ
8:00 - 9:30	PS203	Patient-Centered Outcomes Research: What Is It and How to Do It	W175	Ⓢ Ⓜ
8:00 - 9:30	PS205	Lung Cancer Quality Improvement: Using ACS NSQIP® to Improve Cancer Care Quality	W176	Ⓢ Ⓜ
8:00 - 11:15	SF17	Quality, Safety, and Outcomes II	W187A	
8:30 - 4:00	DEC11	Improving Patient Safety and Team Performance in Your OR: The Non-Technical Skills for Surgeons (NOTSS) System	W180	\$
9:45 - 11:15	PS208	Should That Surgeon Be Operating?	W176	Ⓢ Ⓜ
9:45 - 11:15	PS210	Button Batteries and Magnets: Ingestion of Foreign Bodies	W375C	Ⓢ Ⓜ
9:45 - 11:15	PS211	How to Assess Outcomes/Quality Improvement for Residents	W471B	Ⓢ Ⓜ
9:45 - 11:15	PS213	Do I Need to Operate on That in the Middle of the Night?	W375DE	Ⓢ Ⓜ
11:30 - 12:30	ME205	Caring for Patients Who Are Jehovah's Witnesses	HMPCC Adler A	\$
12:45 - 2:15	PS214	Captain to Team Player: How Do We Train Residents to Play in the Modern Sandbox?	W175	Ⓢ Ⓜ
12:45 - 2:15	PS218	Bariatric Surgery: Prevention and Management of Complications	W179	Ⓢ Ⓜ
12:45 - 4:00	SF27	Quality, Safety, and Outcomes III	W470A	
2:30 - 4:00	PS227	Crisis Management in the Operating Room	W375DE	Ⓢ Ⓜ
2:30 - 5:45	PS229	Ethics Colloquium: Disclosure and the Ethical Surgeon	W175	Ⓢ Ⓜ
4:15 - 5:45	PS234	Reducing Perioperative Cardiac Risk: What's the Evidence?	W375A	Ⓢ Ⓜ
4:15 - 5:45	PS236	Better Outcomes through Preoperative Optimization: Getting Your Patients Strong for Surgery	W194	Ⓢ Ⓜ
Wednesday, October 7				
8:00 - 9:30	PS304	Blood Thinners Are Getting Stronger and Harder to Reverse	W375A	Ⓢ Ⓜ
9:45 - 11:15	PS310	Surgical Team Building: The Role of Interprofessional Education in Developing a Highly Functioning Care Team	HMPCC Grant Park AB	Ⓢ Ⓜ
9:45 - 11:15	PS317	Infected Mesh: Prevention Strategies and Management	W375A	Ⓢ Ⓜ

11:30 - 12:30	ME305	From Flogging to Mining Large Databases: The Use and Abuse of Database Generated Outcomes Research	HMPCC Field A	\$
12:45 - 2:15	PS321	Necrotizing Soft-Tissue Infections: Time Matters	W375C	Ⓢ Ⓜ
2:30 - 4:00	PS329	You're Not Alone: The Emotional Impact of Adverse Events	W193	Ⓢ Ⓜ
2:30 - 5:45	SF45	Quality, Safety, and Outcomes IV	W474A	
Thursday, October 8				
8:00 - 9:30	PS400	The Role/Impact of Telemedicine on Surgical Outreach Programs	W179	Ⓢ Ⓜ
8:00 - 9:30	PS404	Ten Hot Topics in General Surgery	W375C	Ⓢ Ⓜ
8:00 - 11:15	SF51	Quality, Safety, and Outcomes V	W474B	
9:45 - 11:15	PS408	The College's Clinical Scholars 2015	W196BC	
TRAUMA/CRITICAL CARE (T)				
Saturday, October 3				
8:30 - 4:00	DEC02	Emergency General Surgery Update 2015	W185	\$
Sunday, October 4				
8:00 - 3:30	DEC04	Trauma Update 2015	W185	\$
8:30 - 5:15	SSC05	Practical Applications of Ultrasonography in the Intensive Care Unit (Echocardiography)	W183A	\$
9:00 - 2:15	SSC06	Rib Plating	W184D	\$
Monday, October 5				
10:00 - 5:15	SSC08	Endovascular Skills for Hemorrhage Control	GCSI	\$
11:30 - 1:00	PS106	Penetrating Abdominal Trauma: Lessons from Military and Civilian Settings	W375DE	Ⓢ Ⓜ
11:30 - 1:00	VE06	Trauma	W470B	
1:15 - 2:15	ME103	Fixation of Rib Fractures	HMPCC Jackson Park B	\$
1:15 - 2:15	ME106	Genitourinary Trauma	HMPCC Burnham A	\$
2:30 - 4:00	PS117	Geriatric Trauma: Low-Energy, High-Morbidity, and Mortality Injuries	W179	Ⓢ Ⓜ
2:30 - 4:00	PS120	Acute Cholecystitis and the Common Duct Stone: Oh, the Pain!	W375C	Ⓢ Ⓜ
4:15 - 5:45	PS122	Holes in Places They Shouldn't Be: Approaches to the Acute Abdomen	W375B	Ⓢ Ⓜ
4:15 - 5:45	PS123	Dealing with Complications of Pelvic Surgery	W375C	Ⓢ Ⓜ
4:15 - 5:45	PS126	Modern Management of the Mangled Extremity	W175	Ⓢ Ⓜ
4:15 - 5:45	PS128	Ophthalmic Trauma in the ER, in the OR, and on the Battlefield	W176	Ⓢ Ⓜ
Tuesday, October 6				
8:00 - 9:30	PS202	Dealing with the Failed Intestinal Anastomosis	W375C	Ⓢ Ⓜ
8:00 - 9:30	PS204	The Bad Infections: Tools to Keep Ahead of Difficult Infections and Resistant Organisms	W196BC	Ⓢ Ⓜ
8:00 - 11:15	SF20	Trauma I	W194	
9:45 - 11:15	PS213	Do I Need to Operate on That in the Middle of the Night?	W375DE	Ⓢ Ⓜ

11:30 - 12:30	ME206	Complex Abdominal Trauma	HMPCC Jackson Park C	\$
11:30 - 12:30	ME208	Enteral Access for Nutrition	HMPCC Field A	\$
11:30 - 12:30	ME209	Necrotizing Soft-Tissue Infections	HMPCC Field BC	\$
12:45 - 1:30	NL07	Scudder Oration on Trauma	W375DE	
12:45 - 2:15	PS216	Current Management of Polyposis Syndromes in the Pediatric and Adolescent Population	W193	 
12:45 - 2:15	PS220	How I Stop Bleeding	W375A	 
2:30 - 5:45	SF32	Trauma II	W176	
4:15 - 5:45	PS231	Challenging Emergency Surgery Cases: Lessons from the Experts	W375DE	 
4:15 - 5:45	PS233	Management of Trauma of the Subaxial Spine	W475	 
4:15 - 5:45	PS235	CT Technology in the Evaluation of the Injured Patient: Is It Worth "Choosing Wisely" or Better to "Pan-Scan"?	W179	 
Wednesday, October 7				
8:00 - 9:30	PS301	Chest Trauma Can Be Tricky: Information All General Surgeons Will Want to Know	W375DE	 
8:00 - 9:30	PS304	Blood Thinners Are Getting Stronger and Harder to Reverse	W375A	 
8:00 - 9:30	SF34	Trauma III	W193	
8:00 - 5:15	DEC14	Annual Update in Surgical Critical Care	W180	\$
9:45 - 11:15	PS317	Infected Mesh: Prevention Strategies and Management	W375A	 
9:45 - 11:15	PS319	Challenging Trauma Cases: Lessons from the Experts	W375DE	 
12:45 - 2:15	PS321	Necrotizing Soft-Tissue Infections: Time Matters	W375C	 
2:30 - 5:45	VE26	Surgical Cases in Trauma	W176	
Thursday, October 8				
9:45 - 11:15	PS407	Ten Hot Topics in Critical Care	W375B	 

Sessions of Special Interest

CME credit is not available for these sessions.*

Sunday, October 4

Medical Student Program - Session I

11:30 am - 6:00 pm

Location: McCormick Place West, W190

The Division of Education invites students from all four years of medical school to attend the Clinical Congress and to participate in this program designed specifically for those students who are considering a career in surgery. Programming is varied from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to American College of Surgeons Medical Student members who register in advance. Nonmembers will be charged a reduced registration fee.

Topics include exploring various lifestyle issues in surgery, decision making on the path to residency, and navigating the residency application process and interviewing successfully. Speakers include College leaders and surgical educators at both the medical student and resident levels. Students are able to practice some basic surgical skills and hone their interviewing technique in interactive sessions with surgeons, as well as network with specialty surgeons, surgical residents, residency program directors, and others.

Special features of Sunday's program include an informal discussion of Lifestyle Issues in Surgery, followed by a presentation by Diana L. Farmer, MD, FACS, titled Inspiring Paths to Leadership in Medicine. Later in the day, there will be a roundtable reception with surgeons representing different surgical specialties and various practice settings, and residency program administrators will be on hand to answer "nuts and bolts" types of questions for aspiring residents.

Also incorporated in this program is the Medical Student Program Poster Session, during which 40 medical students will present their research in one of two categories: clinical, outcomes, innovation, or educational research; or basic science research. There will be a first, second, and third place award in each category. Resident and surgeon volunteers will critique these presentations and winners will be formally recognized during the program.

Students enrolled in U.S., Canadian, or international allopathic or osteopathic medical schools are invited to attend this comprehensive program. For more information, contact the Division of Education Office in McCormick Place West, Central Concourse, or the Division of Education Booth at the ACS Resource Center at McCormick Place West. You may also visit our website at <http://www.facs.org/clincon2015/special/medical-student>.

SPEAKER: Diana L. Farmer, MD, FACS, Sacramento, CA

Sponsored by Committee on Medical Student Education

Focus on RAS-ACS

11:30 am - 3:00 pm

Location: McCormick Place West, W196A

The Resident and Associate Society of the American College of Surgeons (RAS-ACS) is devoted to the needs and concerns of trainees and young surgeons in all disciplines. The Focus on RAS-ACS session is a dynamic program tailored to Residents and Associate Fellows in the ACS. Informational discussions will take place on RAS-ACS, descriptions of opportunities for involvement, and inspirational content on the topic of leadership will be provided by outgoing ACS President Andrew L. Warshaw, MD, FACS, FRCSEd(Hon), and RAS-ACS Chair Joseph V. Sakran, MD, MPH, MPA. Please join us in this exciting session to learn more about your organization and how you can become a surgical leader.

Resident and Associate Society Symposium: Social Media: Threat to Professionalism and Privacy, or Essential for Current Surgical Practice?

3:00 - 5:30 pm

Location: McCormick Place West, W193

Social media has become an integral part of our private and professional lives. Hospitals, practices, and individual surgeons have websites, blogs, and Facebook accounts, and many surgeons are avid users of Twitter. Although social media represents an unprecedented way of engaging colleagues and patients, it also poses challenges and even threats to professionalism and privacy. What should physicians do when they get "friend requests" from their patients? Should attending surgeons be "Facebook friends" with their residents? How much information about their private lives should/must physicians disclose publicly or on the Web? These are only a few of the questions we will discuss at the RAS-ACS Symposium.

The Convocation

6:00 - 8:00 pm

Location: McCormick Place West, Level 3, W375DE

PRESIDENT PRESIDING: Andrew L. Warshaw, MD, FACS, FRCSEd(Hon), Boston, MA

Procession of Initiates

Procession of Officers, Regents, Governors, and Guests

Invocation

Reverend William P. Grogan, Esq.

Vicar for Health Care, Archdiocese of Chicago
Hinshaw & Culbertson LLP

Presentation of Initiates by Chair, Board of Regents
Mark C. Weissler, MD, FACS, Chapel Hill, NC

Fellowship Pledge by the Secretary of the College
Edward E. Cornwell III, MD, FACS, FCCM,
Washington, DC

Conferral of Fellowship by the President of the College

Response on Behalf of New Fellows by Chair, Resident and Associate Society

Joseph V. Sakran, MD, MPH, MPA, Charleston, SC

Presentation of the Distinguished Service Award by the President of the College

Recipient: John A. Weigelt, MD, DVM, FACS,
Milwaukee, WI

Granting of Honorary Fellowships:

Emmanuel Quaye Archampong, MB, BS, FRCSEd, FRCSEng, FWACS, FGCSP, MS(Lon), COV(Ghana),
Accra, Ghana, Africa

Presented by: Samuel Adetola Adebajo, MD, FACS, *Beavercreek, OH*

William Barry Coman, AM, MD, MB, BS(Qld), FRCSEd, FRCSEng, FRACS, FACS, *Brisbane, Australia*

Presented by: David J. Terris, MD, FACS, *Augusta, GA*

Mahesh Desai, MB, BS, MS, FRCS(Lon), FRCSEd, *Nadiad, India*

Presented by: Glenn M. Preminger, MD, FACS, *Durham, NC*

Abraham Fingerhut, MD, DSC(Hon), FACS, FRCPS(G), FRCSEd, FASCRS(Hon), *Poissy, France*

Presented by: Steven D. Wexner, MD, FACS, *Weston, FL*

Eduardo de Santibañes, MD, PhD, MAAC, ASA(Hon), FACS, FRCSEd(Hon), ESA(Hon), *Buenos Aires, Argentina*

Presented by: Steven M. Strasberg, MD, FACS, *St. Louis, MO*

Sir Errol Ricardo Walrond, MB, BS, FRCS, FACS, FCCOS, *Bridgetown, Barbados*

Presented by: Lenworth M. Jacobs, Jr., MD, MPH, FACS, *Hartford, CT*

Announcement of the Scientific Forum Award by the President of the College

Recipient: Michael T. Longaker, MD, MBA, FACS, *Stanford, CA*

Installation of Officers, 2015–2016

As First Vice-President

Ronald V. Maier, MD, FACS, *Seattle, WA*

As Second Vice-President

Walter J. Pories, MD, FACS, *Greenville, NC*

As President

J. David Richardson, MD, FACS, *Louisville, KY*

Presidential Address

Recession

Monday, October 5

The Opening Ceremony

8:00 - 9:00 am

Location: McCormick Place West, Level 3, W375DE

PRESIDENT PRESIDING: J. David Richardson, MD, FACS, *Louisville, KY*

The Colors and Canadian and American national anthems are presented, along with a short video highlighting the new President's theme for the year.

The President introduces the College Officers and Regents, Honorary Fellows, Past-Presidents, Recipients of the Distinguished Philanthropist Award and the Distinguished Organization Award, Special Invited Guests from national and international health care organizations, ACS Scholarship Recipients, and the International Guest Scholars. An annual overview of the College will be reported by David B. Hoyt, MD, FACS, ACS Executive Director. The Martin Memorial Lecture, sponsored by the American Urological Association, follows immediately.

Martin Memorial Lecture sponsored by the American Urological Association (NL01):

Addressing Unmet Surgical Need: The Role of Academic Surgery

9:00 - 9:30 am

Location: McCormick Place West, W375DE

INTRODUCERS: John G. Meara, MD, FACS, *Boston, MA*
Meera Kotagal, MD, MPH, *Seattle, WA*

LECTURER: Paul E. Farmer, MD, PhD, *Boston, MA*

The Martin Memorial Lecture and the American Urological Association (AUA) Lecture have been combined for presentation during the Opening Ceremony of the Clinical Congress. The Martin Memorial Lecture was established in 1946 to honor Franklin H. Martin, MD, FACS, founder of the College, and his wife, Isabelle Hollister Martin. The AUA Lecture has been sponsored by the AUA since 1967 and has featured diverse topics in surgery.

Surgery Resident Program: Starting Surgical Practice: Essentials for Success

10:00 am - 6:00 pm

Location: McCormick Place West, W192

The Division of Education invites surgery residents from all postgraduate year levels to participate in a special program designed to assist them with essential nonclinical issues they face during residency and fellowship training and the transitional period to their posttraining career. The program is free to ACS Resident members who register in advance. Nonmembers will be charged a reduced registration fee.

Featured topics will include personal financial planning and debt management, job-seeking strategies, contracts and negotiation skills, and reducing liability risks. Additionally, interactive sessions will be offered in which residents may explore different types of practice settings and other topics. Speakers will include not only leaders from surgery, but also a certified financial planner and an expert in physician career development.

Opening Remarks

Leigh A. Neumayer, MD, MS, FACS, *Tucson, AZ*,
Course Director

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*,
Director, Division of Education

Rebecca M. Minter, MD, FACS, *Dallas, TX*, Chair,
Committee on Resident Education

Physician Jobs and Contracts: Selecting and Negotiating for Your Best Career Move and Peace of Mind

Roger G. Bonds, MBA, FMSD, CMSR, *Atlanta, GA*

Understanding and Reducing Risk in Your Surgical Practice

David M. Mahvi, MD, FACS, *Chicago, IL*

30 Years of Surgical Practice—Lessons Learned Along the Way

James K. Elsey, MD, FACS, *Atlanta, GA*

Special Presentation

J. David Richardson, MD, FACS, ACS President, *Louisville, KY*

Accumulating, Protecting, and Preserving: Building Your Financial Future

Ronald J. Paprocki, JD, CFP, CHBC, *Chicago, IL*

Roundtable Discussions (Various Topics)

For additional information, contact the Division of Education Office at the Hilton Chicago or the Division of Education Booth at the ACS Resource Center at McCormick Place West.

Medical Student Program – Session II

12:45 - 6:00 pm

Location: McCormick Place West, W194

The Division of Education invites students from all four years of medical school to attend Clinical Congress and to participate in this program designed specifically for those considering a career in surgery. Programming varies from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to ACS Medical Student Members who register in advance. Non-members will be charged a reduced registration fee.

Topics throughout the program will include exploring various lifestyle issues in surgery, decision making on the path to residency, and navigating the residency application process and interviewing successfully. Speakers will include College leaders and surgical educators at both the medical student and resident levels. Students will be able to practice some basic surgical skills and hone their interviewing skills in interactive sessions with surgeons, as well as network with specialty surgeons, surgical residents, residency program directors, and others.

Special features of Monday's program will include a session titled Surgery Interest Groups - Making a Difference in Your Community, in which two medical students will describe community service projects that they have implemented at their medical schools. Barry Mann, MD, FACS, and Amy Goldberg, MD, FACS, will also talk about initiatives undertaken at their respective medical schools. This will be followed by a special presentation by John L. Cameron, MD, FACS, titled William Stewart Halsted, MD, FACS: Our Surgical Heritage, followed by comments from ACS President J. David Richardson, MD, FACS. Also featured will be a resident panel discussion on decision making on the path to residency and beyond, and roundtable sessions for students to practice knot tying and suturing, discuss elements of an effective personal statement,

and learn the tips and tricks regarding the residency application process.

Students enrolled in U.S., Canadian, or international allopathic or osteopathic medical schools are invited to attend this comprehensive program. For additional information, contact the Division of Education Office located in McCormick Place West, Central Concourse, or the Division of Education Booth at the ACS Resource Center at McCormick Place West. You may also visit our website at <http://www.facs.org/clincon2015/special/medical-student>.

SPEAKERS:

Barry D. Mann, MD, FACS, *Wynnewood, PA*

Amy J. Goldberg, MD, FACS, *Philadelphia, PA*

John L. Cameron, MD, FACS, *Baltimore, MD*

J. David Richardson, MD, FACS, *Louisville, KY*

Sponsored by the Committee on Medical Student Education

PS130 | 1:15-2:15 pm

The Lancet Commission on Global Surgery: Evidence and Solutions for Achieving Health, Welfare, and Economic Development

TRACKS: INT, HUM

Location: W176

MODERATOR: John G. Meara, MD, FACS, *Boston, MA*

CO-MODERATOR: Charles Mock, MD, FACS, *Seattle, WA*

Surgical care is a critical component of a comprehensive health care system for all countries at all levels of development. However, billions of people lack access to basic surgical services, resulting in substantial loss of life, welfare and economic output. In order to address the crucial need for improvements delivery of surgical care around the world, *The Lancet Commission on Global Surgery* was launched in January 2014 during a major transition period for global health. The commission's initial finding and recommendations were published in April 2015. These findings and recommendations will be examined during this panel session in order to generate discussion regarding how U.S. surgeons, surgical trainees, and the ACS can work with the commission to help realize universal access to safe, affordable surgical and anesthesia care when needed.

PANELISTS:

Paul Farmer, MD, PhD, *Boston, MA*

Sarah Greenberg, MD, FACS, *Milwaukee, WI*

Steve Bickler, MD, FACS, *San Diego, CA*

Girma Tefora, MD, FACS, *Madison, WI*

Abdullah Fizan, MD, FACS, *Chicago, IL*

Nakul Rakar, MD, FACS, *Boston, MA*

Young Fellows Association (YFA) Program

4:00 - 5:45 pm

Location: McCormick Place West, W187A

The Young Fellows Association (YFA) welcomes the Initiates and Fellows who are 45 years old or younger, or those "young at heart," to the Annual YFA Program. The YFA Program includes an overview of the association's activities by the current chair and vice-chair, Michael J. Sutherland, MD, FACS, and Jacob Moalem,

MD, FACS; a roundtable discussion; and updates by the YFA Workgroups. The program ends with a networking reception that provides the opportunity for new Initiates and Young Fellows to interact with ACS President J. David Richardson, MD, FACS, and YFA leadership.

Cardiothoracic Surgery in the Future

5:30 - 9:00 pm

Location: S102

COURSE DIRECTORS:

James I. Fann, MD, FACS, Stanford University Medical Center, *Stanford, CA*
 Thomas E. MacGillivray, MD, FACS, Massachusetts General Hospital, *Boston, MA*
 Daniel L. Miller, MD, FACS, Emory University, *Atlanta, GA*

This course will introduce surgery residents and medical students to conventional and complex procedures performed by cardiothoracic surgeons. New technologies and cardiothoracic surgery training paradigms, such as the integrated six-year residency, will be discussed.

The primary focus of the session will be hands-on experience with specific cardiothoracic surgical procedures. Participants will experience and have the opportunity to perform these surgical procedures using synthetic and tissue-based simulation models. The program will be taught by cardiothoracic surgeons who are leaders in their respective fields of cardiac and general thoracic surgery. (A buffet dinner will be served at 5:30 pm.)

Welcome and Introductions

Projected Needs of CT Surgery

Update of the Six-Year Integrated CT Surgery Programs

Wet Lab Orientation and Station Assignments

Rotating Hands-On Sessions

CARDIAC STATIONS

Aortic Valve and Root Replacement
 Vessel Suturing
 Mitral Valve Repair
 OPCAB
 Transcatheter Valve Technology

THORACIC STATIONS

VATS Lobectomy
 Endoluminal Esophageal Surgery
 Rib Fixation
 Chest Wall Reconstruction/ Stabilization

Tuesday, October 6

2015 Scientific Forum Dedication/ Excellence in Research Awards

8:00 - 9:00 am

Location: W193

The Scientific Forum Committee will dedicate the Scientific Forum abstract supplement to Michael T.

Longaker, MD, MBA, FACS, Stanford, CA. Geoffrey C. Gurtner, MD, FACS, will provide introductory remarks with comments by Dr. Longaker immediately following. After the dedication, Mary T. Hawn, MD, FACS, Scientific Forum Committee Chair, will distribute approximately 16 awards for excellence in research. Surgery residents and their mentors are invited to attend the dedication and awards distribution.

Posters of Exceptional Merit *

11:30 am - 12:30 pm

Location: McCormick Place, West Building Hall F2

More than 250 posters will be on display at the Clinical Congress, but only a select few will be designated Posters of Exceptional Merit. Scientific Forum Committee Chair Mary T. Hawn, MD, FACS, and Dennis P. Orgill, MD, FACS, will facilitate a lunchtime tour and discussion of the Posters of Exceptional Merit. Authors will present their distinguished work and answer questions before the award presentation for the Best Scientific Poster.

Sponsored by the Scientific Forum Committee

***Continuing medical education credit is available for participation in this session.**

Operation Giving Back

Open Mic: Advocating for Surgery around the World

11:30 am - 12:30 pm

Location: W475

This open mic session is designed to educate attendees about the efforts on global surgery with a special focus on education, service, and research. We will discuss the current framework of surgical resident education in global health, service provided by ACS Fellows around the world, and research to better understand the world burden of surgical disease. A three- to five-minute reporting format will be employed to discuss existing efforts.

Sponsored by Operation Giving Back

PS238 | 11:30 am - 12:30 pm

Antibiotics First: A New Standard for Uncomplicated Appendicitis

Location: W375A

TRACKS: EDU, GEN, RUS

MODERATOR: Dana K. Andersen, MD, FACS, *Silver Springs, MD*

For over 130 years the usual treatment recommendation for people with uncomplicated appendicitis is a prompt appendectomy. However, experience in Europe suggests that an antibiotics-first strategy is an alternative that warrants consideration, particularly in a patient who has a preference for avoiding appendectomy. The European randomized trials comparing this approach with appendectomy found that it is not associated with an increased risk for perforation or a higher rate of complications, but that as many as half of the patients so treated will have early treatment failures and all have a risk of recurrent appendicitis that may ultimately require appendectomy. It remains to be determined if the benefits of potentially avoid-

ing an operation with the antibiotics-first approach are outweighed by the burden to the patient related to future appendicitis episodes, more days of antibiotics, lingering symptoms, and uncertainty that may impact quality of life. This is especially true given that appendectomy, as performed in the United States, has a very favorable safety profile and typically involves a short hospitalization.

Introduction

Dana K. Andersen, MD, FACS, *Silver Springs, MD*

Antibiotics-First in Adults: The Evidence

David A. Talan, MD, FACEP, FIDSA, *Los Angeles, CA*

Antibiotics-First in Children: The Evidence

Peter C. Minneci, MD, MHSc, FACS, *Columbus, OH*

Knowledge Gaps and Research Opportunities

David R. Flum, MD, FACS, *Seattle, WA*

Medical Student Program - Session III

1:00 - 6:00 pm

Location: W194

The Division of Education invites students from all four years of medical school to attend Clinical Congress and to participate in this program specially designed for those students considering a career in surgery. Programming is varied from day to day, and students are welcome to attend all or selected portions of this three-day program. The program is free to ACS Medical Student members who register in advance. Nonmembers will be charged a reduced registration fee.

Speakers include College leaders and surgical educators at both the medical student and resident levels. Students will have the opportunity to network with specialty surgeons, surgical residents, residency program directors, and others.

Tuesday's program will include a presentation by the Chair of the ACS Board of Regents, Mark C. Weissler, MD, FACS. Students will learn about the critical elements of the residency interview during an in-depth panel discussion, and will then practice their interviewing skills during an interactive session with surgeons. They will also have the opportunity to informally network with residency program directors.

Students enrolled in U.S., Canadian, or international allopathic or osteopathic medical schools are invited to attend this comprehensive program. For additional information, contact the Division of Education Office located in McCormick Place West, Central Concourse, or the Division of Education Booth at the ACS Resource Center at McCormick Place West. You may also visit our website at: <http://www.facs.org/clincon2015/special/medical-student>.

SPEAKERS:

Mark C. Weissler, MD, FACS, *Chapel Hill, NC*

Ajit K. Sachdeva, MD, FACS, FRCS, *Chicago, IL*

Sponsored by the Committee on Medical Student Education

Chapter Speed Networking

3:00 - 5:00 pm

Location: W192

The Governors Chapter Activities Domestic and International Workgroups are hosting a new chapter-related social event where you will have the opportunity to share your background and learn about the work and best practices of other ACS chapters in a relaxed and open setting. Chapter Speed Networking is an opportunity to accelerate the Clinical Congress networking experience through short, concise chapter-related "table talks." It is also a great way to build lasting connections with colleagues, members, and staff of other ACS chapters from across the globe. A short introductory session, with how-to tips to make the most of your networking experience, will start the event. The "table talks" will last approximately one hour, with the remainder of the time for socializing.

This event is being hosted by the Governors Chapter Activities Domestic and International Workgroups.

PS237 | 4:15-5:45pm

The Art of Medicine: Redefining the Patient Experience for Quality, Improved Outcomes, and Value

Location: W181

MODERATOR: Doug Rosendale, DO, FACOS, *Grand Junction, CO*

CO-MODERATOR: Mark A. Malangoni, MD, FACS, *Philadelphia, PA*

There are no proxies for high quality surgical care. Value is based on measurable risk-adjusted clinical outcomes at an affordable cost. Our session will address the nuanced approaches surgeons can take in order to provide value to our patients, and how personalized care of the future depends on aligning our combined efforts. We will discuss factors including clinical evidence, patient reported outcomes, osteopathic principles, holistic approaches to patient care, and improved processes culminating in a "learning health system." Whether it be pragmatic adherence to evidence-based guidelines, greater listening, biomechanics and the "touch factor," or spiritual mentoring, developing a relationship with the patient and building trust is an essential component of surgical care. What is the nexus of art and science of surgical care? This session will tackle the barriers and opportunities for a healthier future for surgical patients.

Mandip Atwal, DO, FACOS, *Center Line, MI*

Clifford Y. Ko, MD, MSHS, FACS, *Chicago, IL*

Sponsored by Division of Education

Rural Surgeons Open Forum and Oweida Scholarship Presentation

4:15 - 5:45 pm

Location: W471A

The session opens with the introduction of the 2015 Nizar N. Oweida Scholarship recipient, Alexander J. Poole, MD, FACS, FRCS, a general surgeon practicing in Whitehorse, YT.

The Advisory Council for Rural Surgery (ACRS) sponsors this open forum to facilitate direct communication between rural surgeons and the ACRS.

Following a brief description of the current projects of the ACRS, an open forum with all in attendance will take place. This forum will focus on the delivery of around-the-clock rural surgery care. What are the essential tools? What are the essential staffing needs? What has worked for you? What are the barriers to quality surgical care? The ACRS encourages you to bring your concerns, thoughts on education needs, coverage, call, triumphs, and so on. The ACRS is committed to being your vehicle for change, to be your voice to ACS leadership, and to make the College even more relevant to your practice. We are committed to helping you provide optimal surgical care to your patients in your community.

Sponsored by the Advisory Council for Rural Surgery

Wednesday, October 7

Annual Business Meeting of Members

4:15 - 5:15 pm

Location: McCormick Place West, Level 1, W179

PRESIDENT PRESIDING: J. David Richardson, MD, FACS, *Louisville, KY*

Report of the Chair of the Board of Regents

Mark C. Weissler, MD, FACS, *Chapel Hill, NC*

Report of the Chair of the Board of Governors

Fabrizio Michelassi, MD, FACS, *New York, NY*

Report of the Executive Director of the College

David B. Hoyt, MD, FACS, *Chicago, IL*

Report of the Chair of the Board of Directors of the ACS Foundation

Amilu Stewart, MD, FACS, *Colorado Springs, CO*

Report of the Chair of the Board of Directors of the ACSPA-SurgeonsPAC

Michael J. Sutherland, MD, FACS, *Little Rock, AR*

Presentation of the Resident Award for Exemplary Teaching

The President

Presentation of the Jameson L. Chassin Award for Professionalism in General Surgery

The President

Presentation of the Joan L. and Julius H. Jacobson II Promising Investigator Award

Recipient: Benjamin Levi, MD, *Ann Arbor, MI*

The President

Report of the Chair of the Nominating Committee of the Board of Governors; Announcement of Election of Regents; and the Election of Officers of the Board of Governors

Susan E. Downey, MD, FACS, *Los Angeles, CA*

Report of the Chair of the Nominating Committee of the Fellows; Nomination and Election of Governors and Officers of the American College of Surgeons

Selwyn M. Vickers, MD, FACS, *Birmingham, AL*

New business

Adjournment

Town Hall Meetings

Town Hall Meetings serve as a forum for informal discussions about issues relevant to the Fellows of the American College of Surgeons (ACS) and address specific topics and areas of concern identified by the Advisory Councils and governing committees of the ACS. To maintain an informal atmosphere, audio/visual equipment is not provided and no formal presentations are made. These meetings are scheduled from 7:00 to 7:45 am, Tuesday through Thursday. Attendance is included at no extra charge with a paid meeting registration. (Continuing medical education credit hours are not offered.)

Tuesday, October 6

7:00 - 7:45 am

TH01 | Development of a Rural Track in Residency

Location: W176

TRACKS: RUS, RES/MED

MODERATOR: David C. Borgstrom, MD, FACS, Cooperstown, NY

CO-MODERATOR: Michael S. Bouton, MD, FACS, Fargo, ND

This Town Hall will explore general surgery education with emphasis on increasing the educational opportunities for general surgery training toward rural surgery. Strategies to expand general surgery training experiences, including rural tracks, immersion experiences, and new programs with an emphasis on rural surgery will be addressed. Diagnostic technology, surgical instrumentation, and consultation with other specialties are often not available in this setting. The training of these surgeons therefore requires them to be facile in surgical subspecialty procedures, and open operations no longer commonly performed. Surgical training will require increased focus on these experiences in the future. New residencies, with emphasis on broad-based training suited for rural surgery opportunities have been developed. Perspectives from the newly developed programs will be provided as well.

Sponsored by the Advisory Council for Rural Surgery

TH02 | Surgical Education Around the World

Location: W178

TRACKS: EDU, INT

MODERATOR: Georgios Tsoulfas, MD, FACS, Thessaloniki, Greece

MODERATOR: Franck G. Billman, MD, PhD, FACS, Freiburg, Germany

Differences in the philosophy and practical aspects of surgical education systems from countries around the world and what can we learn from them are highlighted in this meeting. This is an opportunity for young surgeons to be educated in the general prin-

ciples of international collaboration and academic work.

Sponsored by the International Relations Committee

TH03 | Do You Want (or Need) the Sales Rep in Your OR?

(PtS)

Location: W470A

TRACK: ETH

MODERATOR: Enrique Hernandez, MD, FACS, Philadelphia, PA

MODERATOR: Mark C. Weissler, MD, FACS, Chapel Hill, NC

Industry representatives often show up just outside of the operating room uninvited. Some surgeons welcome their involvement and see sales reps as valuable resources. Other surgeons consider them intrusive and would like to further regulate how industry representatives interact with surgeons. Participants will have the opportunity to express their views on this topic.

Sponsored by the Committee on Ethics

TH04 | The Surgeon Specific Registry (SSR): Maintenance of Certification (MOC), Physician Quality Reporting System (PQRS) and Other Mandates

(PtS)

Location: W375A

TRACKS: HP, EDU

MODERATOR: Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS, Chicago, IL

CO-MODERATOR: Bianaca Reyes, Chicago, IL

Surgeons can use the SSR to comply with "regulatory items" being used to assess individual surgeons. Two of the regulatory items currently being addressed include, but are not limited to, MOC by the American Board of Surgery (ABS) and the PQRS by the Centers for Medicare & Medicaid Services. The ACS would also like to see the SSR be used for The Joint Commission's Ongoing Professional Practice Evaluation. The registry includes the most prevalent surgeries performed and approximately five negative occurrence variables for each. Definitions for each of the negative occurrence variables have been established but are under continual review. Surgeons can also run an Occurrence Variable Report to identify areas for improvement, and use these data to select continuing medical education activities to improve their performance.

Sponsored by the Division of Research and Optimal Patient Care

TH05 | Changes in Medical Malpractice Law: Disclosure, Apology, and Offer

(E) (PtS)

Location: W179

TRACKS: GER, GEN

MODERATOR: Edgar G. Chedrawy, MD, FACS, Chicago, IL

Disclosure, Apology, and Offer (DA&O) is a new model for medical malpractice resolution, recently signed into law in Massachusetts and in demonstration projects across the U.S. Under the DA&O model, health care professionals and institutions and their insurers disclose to patients and families when unanticipated adverse outcomes occur. They further investigate and explain what happened, establish systems to improve patient safety, and prevent the recurrence of such incidents. Where appropriate, apologize and offer fair financial compensation without the patient having to resort to legal action. This Town Hall session will provide a forum for discussion of the law and its consequences from the point of view of the surgeon, the insurer, the patient, and the public.

Sponsored by the Young Fellows Association

TH06 | Preserving and Advancing Surgical Education in a World with No Time

Location: W175

TRACKS: CRS, EDU

MODERATOR: Robin S. McLeod, MD, FACS, FRCSC, *Toronto, ON*

CO-MODERATOR: Helen M. MacRae, MD, FACS, *Toronto, ON*

The focus on relative value units (RVUs) and clinical productivity has often resulted in the neglect of medical education. This panel will focus on innovative methods to promote education in the present environment where time is such a valuable commodity.

Sponsored by the Advisory Councils for the Surgical Specialties

TH07 | Developing and Participating in State and Regional Quality Improvement Consortia: How to Improve Your Delivery of Care

Location: W470B

TRACKS: CTS, HP

MODERATOR: Gaetano Paone, MD, FACS, *Detroit, MI*

CO-MODERATOR: Baron Hammon, MD, *Dallas, TX*

With the slow and inexorable implementation of the Affordable Care Act (ACA) the need to report and improve quality of care will be paramount. State and regional quality improvement consortiums such as The Northern New England Cardiovascular Disease Study Group (NECDSG) or the Care Connectivity Consortium (CCC) are very effective at organizing and measuring quality initiatives. Pressure to participate in these sites will increase as the need to improve and document quality also increases. This session will highlight these efforts in cardiothoracic surgery but will also describe their use in other disciplines.

Sponsored by the Advisory Council for Cardiothoracic Surgery

TH08 | Maintenance of Certification (MOC) as an Important Area for Our Fellows and Members to Understand

Location: W475

TRACKS: GEN, HP

MODERATOR: Mark A. Malangoni, MD, FACS, *Philadelphia, PA*

This panel will provide information about the essential requirements for MOC programs. It will address how practice performance improvement activities can improve the quality of care. The panel will provide evidence about the value of both process and outcome measures, including the use of outcomes registries.

Sponsored by the Division of Research and Optimal Patient Care

Wednesday, October 7

7:00 - 7:45 am

TH09 | Women in Surgery: The Road Traveled, the Road Ahead

Location: W375A

TRACKS: CRS, HP

MODERATOR: Jan Rakinic, MD, FACS, *Springfield, IL*

CO-MODERATOR: Amy L. Halverson, MD, FACS, *Chicago, IL*

This Town Hall looks at the issues that may create a challenge for women in surgery and assesses the way toward a satisfying career.

Sponsored by the Women in Surgery Committee

TH10 | Finding Awe in Your Work

Location: W179

TRACK: RUS

MODERATOR: Karen E. Deveney, MD, FACS, *Portland, OR*

What inspires someone to succeed? Where do we find motivation? How do you find satisfaction in an ever-changing world? The physical, mental, and emotional toll of being a rural surgeon can be extreme. For some, finding the energy and support to continue can be daunting. The panel will discuss burnout, and personal, emotional, and mental health. Success stories and personal stress management strategies will be presented. Experts from other fields will convey their success strategies.

Sponsored by the Advisory Council for Rural Surgery

TH11 | How to Incorporate Clinical Ethics within a Surgical Career

Location: W176

TRACK: ETH

MODERATOR: Margaret L. Schwarze, MD, FACS, *Madison, WI*

CO-MODERATOR: Karen M. Devon, MD, FACS, *Toronto, ON*

Surgical ethics is a burgeoning field and the American College of Surgeons has been especially supportive of fostering growth in ethics education, research and advocacy. Although many surgeons are quite interested in learning more about the principles of clinical ethics, there are few known models of how to use this knowledge to enhance a surgical career outside of day-to-day clinical practice. However, there are many opportunities to get involved with ethics as a surgeon

including participation on hospital ethics committees, education of residents, outcomes research, analytical research, and public advocacy at both the local and national level. This Town Hall Meeting will encourage and inspire surgeons at many different stages of their career to get involved with surgical ethics.

Sponsored by the Committee on Ethics

TH12 | Metabolic and Bariatric Surgery: Accreditation Controversies

Location: W175

TRACKS: EDU, GEN

MODERATOR: Ronald H. Clements, MD, FACS, *Nashville, TN*

CO-MODERATOR: Matthew M. Hutter, MD, MPH, FACS, *Boston, MA*

In this Town Hall, the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP), a unified program of the American College of Surgeons (ACS) and the American Society of Metabolic and Bariatric Surgery (ASMBS) will be reviewed to include standards of participation, verification elements of the program, as well as data registry expectations. MBSAQIP is early in its efforts toward collaborative, quality-based work on a national level, however these efforts will be reviewed via the Decreasing Readmissions through Opportunities Provided project. At the conclusion, there will be an opportunity for a question-and-answer session hosted by the members of the Committee for Metabolic and Bariatric Surgery (CMBS), the surgeon committee oversight group of the MBSAQIP.

Sponsored by the Division of Research and Optimal Patient Care

TH13 | Is Current Surgical Training Adequate: Pros and Cons

Location: W178

TRACKS: EDU, RES/MED

MODERATOR: E. Christopher Ellison, MD, FACS, *Columbus, OH*

CO-MODERATOR: Maya Babu, MD, MBA, *Rochester, MN*

CO-MODERATOR: Chad T. Wilson, MD, FACS, *New York, NY*

Since the implementation of duty-hour restrictions for surgical trainees, data suggests adverse effects in providing optimal patient care. Concerns about these deficiencies have led to corrective actions through new training paradigms. What's become of those who completed training before the implementation of these new measures? Have they self-corrected or are their outcomes worse than their older peers? Do they work fewer hours than their senior partners, or employ a shift-work mentality? Are they able to recognize the adverse effects of fatigue? This Town Hall explores the emotional and practical experiences of surgeons who trained at a time when they were told that they would be less capable than their predecessors without suggestion of how to address the problem.

Sponsored by the Resident and Associate Society

TH14 | Enhanced Reimbursement for "Premium" Surgery

Location: W470B

TRACKS: HP, OPH

MODERATOR: Bradley D. Fouraker, MD, FACS, *Tampa, FL*

CO-MODERATOR: Chad A. Rubin, MD, FACS, *Columbia, SC*

This Town Hall discussion will include a description of so-called premium surgery as it applies to ophthalmic surgery, specifically cataract surgery. As third party and Medicare reimbursement have declined, Medicare, in the instance of cataract surgery, has allowed the surgeon to charge the patient beyond the customary Medicare rates for elective innovative, new technologies such as femtosecond laser-assisted cataract surgery and intraoperative aberrometry. These premium services are added to treat non-Medicare covered conditions, such as astigmatism and presbyopia. The added precision of these techniques and the additional reimbursement have resulted in a rapid rise in their use and supported the development of new technologies. This discussion will include the methodology that resulted in Medicare's acceptance of the premium surgery concept.

Sponsored by the Advisory Council for Ophthalmic Surgery

TH15 | Being an Expert Witness—When Are You Ready? How Do You Do It?

Location: W475

TRACKS: HP, GEN

MODERATOR: Jennifer E. Rosen, MD, FACS, *Washington, DC*

CO-MODERATOR: Lenworth M. Jacobs, Jr., MD, MPH, FACS, *Hartford, CT*

Surgeons in practice may, on occasion, have the opportunity to testify in court as expert witnesses on behalf of a plaintiff or defendant. The American College of Surgeons (ACS) has a voluntary program recommending guidelines for the qualifications and behavior of Fellows who have the opportunity to serve as expert witnesses. There can be benefits to society as well as to the participating surgeon in acting as an expert witness, but there are few opportunities to train to fill this role. This interactive Town Hall will emphasize the conduct of the expert witness role for surgeons.

Sponsored by the Young Fellows Association

TH16 | From Maintenance of Certification (MOC) to the Bedside: How Can the American College of Surgeons Help You Prepare?

Location: W470A

TRACKS: EDU, GEN

MODERATOR: Joseph P. Minei, MD, FACS, *Dallas, TX*

CO-MODERATOR: Lewis M. Flint, MD, FACS, *Chicago, IL*

This Town Hall will orient the attendee to the various types of ACS educational products and how the Fellow may access these tools. The products featured will include: (1) Evidence-Based Decisions in Surgery (EBDS) modules; (2) Best Practice Guidelines from the

Governors' Best Practice Workgroup; (3) Best Practice Guidelines from the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®); and (4) *Selected Readings in General Surgery*. The Town Hall will focus on how the various products highlighted may do the following: (1) help meet requirements for Maintenance of Certification; (2) help Fellows develop guidelines for use in their own hospitals to standardize care and improve quality, with a discussion that will center around how these products help the surgeon in multiple aspects of their daily care as well as life long learning; and (3) serve as an online bedside reference for clinical care decisions.

Sponsored by the Board of Governors Best Practices Workgroup

Thursday, October 8

7:00 - 7:45 am

TH17 | An Update on ACS National Surgical Quality Improvement Program (ACS NSQIP®)

Location: W475

TRACKS: EDU, GEN

MODERATOR: Scott J. Ellner, DO, MPH, FACS, *Hartford, CT*
CO-MODERATOR: Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS, *Chicago, IL*

The American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) is a multispecialty, validated, risk-adjusted outcomes database that promotes surgical quality evaluation and improvement. The program uses clinical data and has been demonstrated to significantly improve surgical patient outcomes in participating hospitals. This Town Hall meeting will center on how hospitals can use ACS NSQIP to become quality leaders and implement positive cultural change and quality improvement initiatives within the hospital setting. A discussion and question/answer period will be included.

Sponsored by the Division of Research and Optimal Patient Care

TH18 | Flexibility in Surgical Training—Moving Beyond the Concept

Location: W178

TRACKS: RES/MED, RUS

MODERATOR: Stanley W. Ashley, MD, FACS, *Boston, MA*
CO-MODERATOR: Rebecca M. Minter, MD, FACS, *Ann Arbor, MI*

The majority of general surgery residents now pursue postgraduate fellowships in subspecialty domains of general surgery or seek additional broad-based training in general surgery. Ideally, general surgery training experiences should be tailored to one's future trajectory in order to better prepare them for the fellowship and practice they will pursue. The flexibility in surgical training paradigm approved by the American Board of Surgery several years ago has not been

met with widespread implementation, even though stakeholders continue to express significant interest. As subspecialty societies develop recommendations for foundational learning for their field during general surgery residency, the barriers to implementation must be explored and addressed. This session will explore the current state of the flexibility in surgical training opportunities and the barriers to adaptation of broad-based training in general surgery.

Sponsored by the Committee on Resident Education

TH19 | How Do We Credential Surgeons in the Use of New Technology?

Location: W179

TRACK: CTS

MODERATOR: Malcolm M. DeCamp, MD, FACS, *Chicago, IL*

The pace of new technology introduced into the cardiothoracic surgeon's armamentarium is increasing like Moore's Law. This rapid pace, unfortunately, strains our existing educational system and impacts the ability of practicing surgeons to modernize their own practices and incorporate new technology. Additionally, much of the new technology has yet to be established as an improvement over existing devices, while the current model of health care delivery/reimbursement makes adoption of these advances a necessity to capture and maintain "market share." This Town Hall discussion will allow these issues to be addressed in an open forum. How we address this issue will have significant ramifications for all health care professionals.

Sponsored by the Advisory Council for Cardiothoracic Surgery

TH20 | Reimbursement in the Age of Accountable Care Organizations (ACO) Bundling: What Are Surgeons Worth?

Location: W375A

TRACK: HP

MODERATOR: Andrew L. Warshaw, MD, FACS, FRCS(Ed)(Hon), *Boston, MA*
CO-MODERATOR: Michael J. Zinner, MD, FACS, *Boston, MA*

The goal of accountable care organizations (ACO) is for providers to become more responsible for the quality and cost of health outcomes. One component of an ACO is the surgeon, and becoming "accountable" implies shifting the risk associated with the care episode from the traditional insurer to a group of caregivers that you will be assigned. Are you prepared to take on that risk? Will the group be assigned by you or by an outside entity? How will your value be calculated compared to the other parts of the delivery chain? Learn from national experts on ACOs, and hear how initial results are faring and how you can position yourself and your practice to successfully navigate this tsunami of change in health care.

Sponsored by the Advisory Councils for the Surgical Specialties



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Monday, October 5

NL01 | 9:00 - 9:30 am
Martin Memorial Lecture
Sponsored by the American Urological Association:
Addressing Unmet Surgical Need: The Role of Academic Surgery

Location: W375DE

TRACKS: GEN, INT, URO

PRESIDING OFFICER: J. David Richardson, MD, FACS, Louisville, KY

INTRODUCERS:

John G. Meara, MD, FACS, Boston, MA
 Meera Kotagal, MD, MPH, Seattle, WA

LECTURER: Paul E. Farmer, MD, PhD, Boston, MA

The Martin Memorial Lecture and the American Urological Association Lecture (AUA) have been combined for presentation during the Opening Ceremony of the Clinical Congress. The AUA Lecture has been sponsored by the AUA since 1967 and has featured diverse topics in surgery. The Martin Memorial Lecture was established in 1946 to honor Franklin H. Martin, MD, FACS, founder of the College and his wife, Isabelle Hollister Martin. The Martin Memorial Lecture is alternately nominated by the Advisory Council for Urological Surgery and the ACS Honors Committee.

Sponsored by the American Urological Association and alternately nominated by the Advisory Council for Urological Surgery and the ACS Honors Committee



Paul E. Farmer

NL02 | 9:45 - 10:45 am
John H. Gibbon, Jr., Lecture:
The Innovation Imperative in Cardiothoracic Surgery: Lessons from Thoracic Aortic Disease
Location: W375B

TRACK: CTS

PRESIDING OFFICER AND INTRODUCER:
 Bryan F. Meyers, MD, MPH, FACS, St. Louis, MO

LECTURER: Joseph E. Bavaria, MD, FACS, Philadelphia, PA

Established in 1971 to honor this pioneer in open-heart surgery.

Sponsored by the Advisory Council for Cardiothoracic Surgery



Joseph E. Bavaria

NL03 | 2:30 - 3:30 pm
Charles G. Drake History of Surgery Lecture: Lessons Learned from 15 Years of Armed Conflict: Implications for Further Military and Civilian Surgical Collaboration
Location: W375B

TRACK: NEU

PRESIDING OFFICER AND INTRODUCER:
 Shelley D. Timmons, MD, PhD, FACS, FAANS, Danville, PA

LECTURER: MG Brian C. Lein, MD, FACS

Established by the Advisory Council for Neurological Surgery in 1992 to explore the historical development of surgery and to honor this leader in neurological surgery.

Sponsored by the Advisory Council for Neurological Surgery



Brian C. Lein

NL04 | 4:15 - 5:00 pm
I.S. Ravdin Lecture in the Basic and Surgical Sciences: Radical Mastectomy to Radical Conservation: Revolutionary
Location: W179

TRACKS: BTR, GEN, ONC

PRESIDING OFFICER AND INTRODUCER:
 Douglas J.E. Scheurer, MD, FACS, St. Louis, MO

LECTURER: Melvin J. Silverstein, MD, FACS, Corona del Mar, CA

Sponsored by the I.S. Ravdin Surgical Society since 1964 to honor Dr. Ravdin by promoting knowledge in basic sciences with application to surgery.

Sponsored by the I.S. Ravdin Surgical Society



Melvin J. Silverstein

Tuesday, October 6

NL05 | 8:00 - 9:00 am

Heran Abcarian Lecture:
**Surgical Mentorship, More Than
Just Teaching**

Location: W179

TRACK: CRS

PRESIDING OFFICER AND INTRODUCER: Neil
H. Hyman, MD, FACS, *Chicago, IL*

LECTURER: H. Randolph Bailey,
MD, FACS, *Houston, TX*

Established by the Chicago
Society of Colon and Rectal Sur-
geons in 2006 to honor this colon and rectal surgeon
and to address issues of relevance to the surgical
community at-large and focus on emerging issues in
surgery.

*Sponsored by the Advisory Council for Colon and Rectal
Surgery*



H. Randolph Bailey

NL06 | 9:45 - 10:45 am

**Excelsior Surgical Society/
Edward D. Churchill Lecture:**
**Redefining the Local Therapy
of Breast Cancer in the
Multimodality Era**

Location: W196BC

TRACK: GEN

PRESIDING OFFICER AND INTRODUCER:
E. Christopher Ellison, MD,
FACS, *Columbus, OH*

LECTURER: Monica Morrow, MD,
FACS, *New York, NY*

This lecture is named for the Excelsior Surgical So-
ciety, a group of 80 medical officers who met for the
first time in 1945 at the Excelsior Hotel, Rome, Italy.
This lecture also honors Col. Edward C. Churchill, a
famous surgeon and consultant to the U.S. Army in
the World War II Italian Theatre, who presented the
first keynote address at this meeting.

Sponsored by the Advisory Council for General Surgery



Monica Morrow

NL07 | 12:45 - 1:30 pm

Scudder Oration on Trauma:
**If Charles L. Scudder Could See
Us Now**

Location: W375DE

TRACK: TRA

PRESIDING OFFICER AND INTRODUCER:
Ronald M. Stewart, MD, FACS,
San Antonio, TX

LECTURER: J. Wayne Meredith, MD,
FACS, *Winston-Salem, NC*



J. Wayne Meredith

Honoring Charles Locke Scudder, a founding member
of the College and a major contributor to the surgery
of trauma.

Sponsored by the Committee on Trauma

NL08 | 2:30 - 3:30 pm

Olga M. Jonasson Lecture:
Resilience

Location: W179

TRACK: GEN

PRESIDING OFFICER AND INTRODUCER:
Rosemary A. Kozar, MD, PhD,
FACS, *Houston, TX*

LECTURER: Julie A. Freischlag, MD,
FACS, *Sacramento, CA*

Established by the Women in
Surgery Committee to honor
the memory of Olga M. Jonas-
son, MD, FACS, who died in August 2006. This lecture-
ship is a testimony to leadership and education in
surgery and a reflection of the capacity of women to
reach academic pinnacles.

Sponsored by the Women in Surgery Committee



Julie A. Freischlag

Wednesday, October 7

NL09 | 8:00 - 9:00 am

**Distinguished Lecture of the
International Society of Surgery:**
**Challenges in Open Heart
Surgery in Africa: Côte d'Ivoire
Experience**

Location: W179

TRACK: INT

PRESIDING OFFICER AND INTRODUCER:
Kathleen M. Casey, MD, FACS,
Newport, RI

LECTURER: Prof. Kofi Herve
Yangni-Angate, *Lagos, Nigeria*

Established in 1990 and endowed by the U.S. Chapter
of the International Society of Surgery to recognize
the Society's worthwhile activities by honoring distin-
guished international surgeons.

*Sponsored by the U.S. Chapter of International Society
of Surgery*



Kofi Herve Yangni-Angate

NL10 | 9:45 - 10:45 am
**John J. Conley Ethics and
Philosophy Lecture: Fetal
Surgery: Tribulations and Trials**
Location: W196BC



TRACK: ETH



PRESIDING OFFICER AND INTRODUCER:
Henri R. Ford, MD, FACS, *Los
Angeles, CA*

LECTURER: N. Scott Adzick, MD,
FACS, *Philadelphia, PA*



N. Scott Adzick

Sponsored by the Committee on
Ethics and generously supported since 1991 by John
J. Conley, MD, FACS, New York, NY, to explore ethical
issues in surgery. Dr. Conley died in 1999, but his
legacy continues and his memory is honored at this
annual lecture.

Sponsored by the Committee on Ethics

NL11 | 12:45 - 1:45 pm
**Commission on Cancer
Oncology Lecture: Precision
Medicine: Implications for
Scientific Discovery and Delivery
of Care**



Location: W179

TRACK: ONC

PRESIDING OFFICER AND INTRODUCER:
Daniel P. McKellar, MD, FACS,
Greenville, OH



Robert S. DiPaola

LECTURER: Robert S. DiPaola, MD,
FACS, *New Brunswick, NJ*

Established in 1988 to explore major developments in
oncology and to focus on the surgeon's role in caring
for cancer patients.

Sponsored by the Commission on Cancer

Postgraduate Courses

Postgraduate Courses and Fees

Only registered meeting attendees may purchase Postgraduate Course (DEC/SSC) tickets. Seating capacities are limited and ticket requests will be filled on a first-come, first-processed basis. All Postgraduate Courses require a ticket for admission. Tickets for some of the Postgraduate Courses may also be purchased on-site, subject to availability and any applicable course prerequisite requirements. Tickets may be exchanged for an alternate course before the start of the course and based on availability. **No refunds for Postgraduate Courses will be accepted after Monday, September 14, 2015.**

Description of Fee Categories

Fellow: A surgeon who is a Fellow of the American College of Surgeons (ACS)

Non-Fellow: A practicing physician who is not currently a member of the College

RAS: Associate Fellows, Resident Members, Medical Student Members, and Affiliate Members of the College

Non-RAS: A physician-in-training or member of the surgical team who is currently in an accredited training program or working in a surgical-related setting but has no affiliation with the College

ACS Division of Education Model for Verification of Knowledge and Skills

The American College of Surgeons Division of Education has designed a 5-Level Model for Verification and Documentation of Knowledge and Skills following participation in education and training programs of the College. This model has been approved by the American College of Surgeons Board of Regents and is being used across the education and training programs of the College. The Didactic/Experiential Courses and Surgical Skills Courses being offered at the Clinical Congress have been especially designed to offer opportunities to earn Verification Credits based on the requirements for each level within this model. Each course has been assigned a Verification Level of I, II, or III, and following satisfactory completion of the requirements, an appropriate certificate will be provided to the attendees.

		Requirement(s)
Level I	Verification of attendance	Affirmation of attendance/course ticket; and course evaluation
Level II	Verification of satisfactory completion of course objectives	Use of pre- and posttest* and course evaluation

Level III	Verification of knowledge and skills	Formal assessment through pre- and posttest* AND skills report card; and course evaluation
Level IV	Verification of preceptor experience	Not available at Clinical Congress
Level V	Verification of satisfactory patient outcomes	Not available at Clinical Congress

* A passing score of 75 percent or higher is required on the posttest.

Postgraduate Courses Verification of Completion

All Postgraduate Courses with a designated Verification Level of II and III include a Self-Assessment component that helps to address American Board of Surgery (ABS) Maintenance of Certification (MOC) Part 2 needs. All requirements of these Postgraduate Courses, as outlined above, must be completed in order to receive *AMA PRA Category 1 Credit(s)*[™] and to count for Self-Assessment Credit toward Part 2 of the ABS MOC Program.

Verification of completion of all requirements for Postgraduate Courses will be completed following the conclusion of Clinical Congress. Please allow four to six weeks for notification to claim certificates.

Index to Postgraduate Courses

Admission to any Postgraduate Course is by ticket only (see page 7). Subject to availability, tickets may be purchased on-site for selected courses at the registration area in McCormick Place West.

DEC: Didactic/Experiential Course

SSC: Surgical Skills Course

DEC01	Review of the Essentials of Vascular Surgery	55
DEC02	Emergency General Surgery Update	56
DEC03	Fundamental Use of Surgical Energy (FUSE)	56
DEC04	Trauma Update 2015	57
DEC05	Office and Hospital Coding: What to Bill? How to Document and Appeal: 2015 Basic Coding Workshop	57
DEC06	Surgical Education: Principles and Practice	58
DEC07	Measure Twice, Cut Once! Optimizing Surgical Systems of Care	58
DEC08	Challenges in General Surgery Coding and Reimbursement—2015 Advanced Coding Workshop	59
DEC09	General Surgery Review Course	60
DEC10	Practical Communication Skills for Difficult Patient Encounters	61
DEC11	Improving Patient Safety and Team Performance in Your OR: The Non-Technical Skills for Surgeons (NOTSS) System	61

DEC12	Maintenance of Certification Review: Essentials for Surgical Specialties	62
DEC13	A Primer in Clinical Trials Design and Methodology	62
DEC14	Annual Update in Surgical Critical Care	63
DEC15	Managing Common Anorectal Complaints	64
SSC01	Bariatric Surgery: Managing Complications—Skills and Strategies	64
SSC02	Advanced Skills Training for Rural Surgeons: Laparoscopic Bile Duct Exploration and Facial Lacerations	65
SSC03	Oncoplastic Breast Surgery for the General Surgeon	65
SSC04	Surgical Endoscopy: Advancing Minimally Invasive Surgery and Retooling Our Workforce	66
SSC05	Practical Applications of Ultrasonography in the Intensive Care Unit (Echocardiography)	67
SSC06	Rib Plating	67
SSC07	Ultrasound for Pediatric Surgeons	68
SSC08	Endovascular Skills for Hemorrhage Control	68
SSC09	Advanced Colonoscopy Skills Course: New Interventions and Frontiers	69
SSC10	Laparoscopic Inguinal and Ventral Hernia Repair	69
SSC11	Advanced Hepatopancreaticobiliary (HPB) Ultrasound	70
SSC12	Performing Total Mesorectal Excision (TME)	71
SSC13	Thyroid and Parathyroid Ultrasound	71
SSC14	Minimally Invasive Laparoscopic Colorectal Surgery	72
SSC15	Palliative Surgical Care	72

Didactic/Experiential Courses

DEC01 | Review of the Essentials of Vascular Surgery

TRACK: VAS

6 credits, Verification Level II

Saturday, October 3; 8:00 am - 3:30 pm

Location: W180

CHAIR: Kwame S. Amankwah, MD, FACS, *Syracuse, NY*

CO-CHAIR: Timur P. Sarac, MD, FACS, *New Haven, CT*

This course will review the essentials of contemporary vascular surgery practice, focusing on updated data, and techniques of relevance for the general surgeon whose practice includes vascular surgery. Topics will include diagnosis and management, including both medical and surgical treatment of peripheral arterial disease, including carotid disease and aneurysms; venous disease including deep vein thrombosis (DVT) and pulmonary embolism (PE); amputations; the diabetic foot; and access for hemodialysis.

Session I: Dialysis and Venous Disease

Saturday, 8:00 - 9:40 am

Introduction

Kwame S. Amankwah, MD, FACS, *Syracuse, NY*

Arteriovenous Access

Richard C. Hershberger, MD, FACS, *Oak Park, IL*

Dialysis Complications and Management

Mariel Rivero, MD, *Buffalo, NY*

Inferior Vena Cava (IVC) Filters: Indications, Technical Considerations, and Complications

Cassius Iyad Ochoa Chaar, MD, FACS, *Guilford, CT*

Current DVT Endovascular Treatment Strategies

Kwame S. Amankwah, MD, FACS, *Syracuse, NY*

Current Techniques in Varicose Vein Treatments

Ellen D. Dillavou, MD, FACS, *Durham, NC*

Session II: Vascular Trauma

Saturday, 9:55 - 11:15 am

Management of Peripheral Trauma

Colonel Todd E. Rasmussen, MD, FACS, *Fort Detrick, MD*

Vascular Injuries to the Neck

Michael J. Costanza, MD, FACS, *Syracuse, NY*

Thoracic Aortic Disruption Open vs. Endovascular

Ali Azizzadeh, MD, FACS, *Houston, TX*

Intra-abdominal Vascular Injuries

Venita Chandra, MD, *Stanford, CA*

Session III: Occlusive Disease

Saturday, 11:15 - 11:55 am

Current Data on Lower Extremity Endovascular Revascularization

Jonathan A. Cardella, MD, FRCS, *Toronto, ON*

Current Data on Lower Extremity Open Bypass Revascularization

Kakra Hughes, MD, FACS, *Washington, DC*

Session IV: Great Vessels and Aortic Disease

Saturday, 1:00 - 3:00 pm

Mesenteric Disease

Sunita D. Srivastava, MD, FACS, *Cleveland, OH*

Thoracic Aneurysm Treatment

Joseph J. Ricotta II, MD, FACS, *Atlanta, GA*

Current Treatment of Thoracic Aortic Dissection

Timur P. Sarac, MD, FACS, *New Haven, CT*

Juxtarenal Aneurysms Open vs. Fenestrated Repair

Gustavo S. Oderich, MD, FACS, *Rochester, MN*

Management of Infected Endografts

Matthew R. Smeds, MD, FACS, *Little Rock, AR*

Carotid Review of CREST Data and CREST II Trial

Mark K. Eskandari, MD, FACS, *Chicago, IL*

Current Management Strategies for Ruptured Abdominal Aortic Aneurysms

Ross Milner, MD, FACS, *Chicago, IL*

Sponsored by the Advisory Council for Vascular Surgery

DEC02 | Emergency General Surgery Update 2015

TRACKS: GEN, RUS, TRA



6 credits, Verification Level II
Saturday, October 3; 8:30 am - 4:00 pm
Location: W185

CHAIR: Clay Cothren Burlew, MD, FACS, *Denver, CO*
CO-CHAIR: Steven M. Steinberg, MD, FACS, *Columbus, OH*

Common emergency general surgery problems have seen an evolution in management paradigms. This course will review the latest data on myriad surgical emergencies including mesenteric ischemia, small bowel obstruction, post-gastric bypass complications, necrotizing pancreatitis, incarcerated and strangulated hernias, clostridium difficile (c. diff) colitis, and diverticulitis. Operative and nonoperative treatment options will be discussed and current evidence-based recommendations reviewed.

Session I

Saturday, 8:30 - 10:00 am

How to Set Up an Emergency General Surgery Service

L.D. Britt, MD, MPH, DSc (Hon), FACS, FCCM,
FRCSEng(Hon), FRCSEd(Hon), FWACS(Hon),
FRCSI(Hon), FCS (SA)(Hon), FRCSGlasg(Hon),
Norfolk, VA

Mesenteric Ischemia

Christine S. Cocanour, MD, FACS, *Sacramento, CA*

Small Bowel Obstruction: When Is It an Emergency,
When Is It Not

H. Gill Cryer, MD, FACS, *Los Angeles, CA*

Session II

Saturday, 10:15 - 11:45 am

The Difficult Cholecystectomy

W. Scott Melvin, MD, FACS, *Bronx, NY*

Acute Surgical Diseases of the Colon: Diverticulitis,

C. Difficile Colitis, Ogilvie's Syndrome

Amy P. Rushing, MD, FACS, *Columbus, OH*

Abdominal Wall Emergencies: The Incarcerated/
Strangulated Ventral or Groin Hernia

Steven M. Steinberg, MD, FACS, *Columbus, OH*

Session III

Saturday, 12:45 - 2:15 pm

Post-Gastric Bypass Emergencies: Bleeding,
Perforation, Internal Hernia

Bradley J. Needleman, MD, FACS, *Columbus, OH*

Management of Complicated Appendicitis

Oscar D. Guillamondegui, MD, MPH, FACS,
Nashville, TN

Diagnosis and Treatment of Upper and Lower
Gastrointestinal Bleeding

Hasan B. Alam, MD, FACS, *Ann Arbor, MI*

Session IV

Saturday, 2:30 - 4:00 pm

Necrotizing Pancreatitis: Indications for and Timing of
Surgery

John C. Alverdy, MD, FACS, *Chicago, IL*

Top Ten General Surgery Articles of the Year

Walter L. Biffl, MD, FACS, *Denver, CO*

Sponsored by the Committee on Trauma

DEC03 | Fundamental Use of Surgical Energy (FUSE)

TRACK: GEN



4 credits, Verification Level II
Saturday, October 3, 9:00 am - 1:15 pm
Location: W184D

CHAIR: Daniel B. Jones, MD, FACS, *Boston, MA*

CO-CHAIR: Thomas N. Robinson, MD, FACS, *Aurora, CO*

Energy-based devices may facilitate or even enable complex procedures, yet despite their frequent use, they remain poorly understood. This Postgraduate Course is open to all physicians and allied health care professionals. It is designed to inform and promote best practices for the use of electrosurgical, ultrasonic and other energy sources in the operating room (OR). Any health care professional who has ever used an energy-based device in the OR will better understand how it works, when to apply it, and what possible hazards and errors can occur.

SPEAKERS:

Daniel B. Jones, MD, FACS, *Boston, MA*

Thomas N. Robinson, MD, FACS, *Aurora, CO*

Introduction to FUSE

Daniel B. Jones, MD, FACS, *Boston, MA*

Session I

Saturday, 9:15 - 11:00 am

Fundamental Principles: Principles of Radiofrequency
Electrosurgery

Liane S. Feldman, MD, FACS, FRCS, *Montreal, QC*

Electrosurgical Safety in Laparoscopy

Jaisa S. Olasky, MD, *Cambridge, MA*

Monopolar Device

Gerald M. Fried, MD, FACS, *Montreal, QC*

Bipolar Devices

Dean J. Mikami, MD, FACS, *Columbus, OH*

Ultrasonic Energy Systems

Daniel M. Herron, MD, FACS, *New York, NY*

Ablation Technologies

Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*

Audience Response Multiple Choice – Session I –
Q and A

Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*

Session II

Saturday, 11:30 am - 12:45 pm

Fires in the Operating Room: Prevention and
Management

L. Michael Brunt, MD, FACS, *St. Louis, MO*

How to Report Adverse Events Related to the Use of Energy-Based Devices

Steven D. Schwaitzberg, MD, FACS, *Cambridge, MA*

The Right Tool for the Right Job: Flexible Devices for Endoscopy

Brian J. Dunkin, MD, FACS, *Houston, TX*

Considerations in Pediatric Surgery

Gretchen Purcell Jackson, MD, PhD, FACS, *Nashville, TN*

Integration of Energy Systems: Cardiac Rhythm Management Devices and Energy-Based Devices

Thomas N. Robinson, MD, FACS, *Aurora, CO*

Audience Response Multiple Choice – Session II – Q and A

Thomas N. Robinson, MD, FACS, *Aurora, CO*

Sponsored by the Advisory Council for General Surgery

DEC04 | Trauma Update 2015

TRACKS: NEU, TRA



6 credits, Verification Level II

Sunday, October 4; 8:00 am - 3:30 pm

Location: W185

CHAIR: Robert C. Mackersie, MD, FACS, *San Francisco, CA*

CO-CHAIR: Kimberly K. Nagy, MD, FACS, *Chicago, IL*

As trauma care continues to evolve, this course will examine advances in diagnosis, resuscitation, and management. New technology both in and out of the operating room will be discussed and challenges for the future examined.

Welcome and Introduction

Robert C. Mackersie, MD, FACS, *San Francisco, CA*

Session I: Resuscitation and Initial Management

Sunday, 8:00 - 9:45 am

MODERATOR: Robert C. Mackersie, MD, FACS, *San Francisco, CA*

Hemostatic Resuscitation: Implementation, Monitoring, and Trouble Shooting

Martin A. Schreiber, MD, FACS, *Portland, OR*

Techniques and Indications for Inflow Occlusion in Damage Control Resuscitation

Megan Brenner, MD, FACS, *Baltimore, MD*

Radiation Risks vs. Missed Injuries in CT Imaging: Where Is the Balance?

Raul Coimbra, MD, PhD, FACS, *San Diego, CA*

Hemorrhage Control for Major Pelvic Fractures

Clay Cothren Burlew, MD, FACS, *Denver, CO*

Session II: Abdominal Trauma

Sunday, 10:00 - 11:45 am

MODERATOR: Kimberly K. Nagy, MD, FACS, *Chicago, IL*

The Role of Laparoscopy in Acute Abdominal Trauma

Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA*

Occult Abdominal Injuries and How to Avoid Missing Them

Alexander L. Eastman, MD, MPH, FACS, *Dallas, TX*

Current Management of Colon and Rectal Injuries

Carrie A. Sims, MD, FACS, *Philadelphia, PA*

Current Techniques for Utilization, Management, (and Closure) of the Open Abdomen

Ben L. Zarzaur, MD, MPH, FACS, *Indianapolis, IN*

Session III: Critical Care and Acute Care Surgery

Sunday, 12:45 - 2:00 pm

MODERATOR: Robert C. Mackersie, MD, FACS, *San Francisco, CA*

The Structure and Implementation of an Acute Care Surgery Service

Heena P. Santry, MD, FACS, *Worcester, MA*

Surgical Strategies in the Management of Severe Clostridium Difficile Colitis

Paula Ferrada, MD, FACS, *Richmond, VA*

Salvage Techniques for Severe ARDS

Rachael A. Callcut, MD, MSPH, FACS, *San Francisco, CA*

Expanding the Use of Ultrasonography in the ICU

Sarah B. Murthi, MD, FACS, *Baltimore, MD*

Session IV: Special Problems

Sunday, 2:15 - 3:30 pm

MODERATOR: Kimberly K. Nagy, MD, FACS, *Chicago, IL*

Operative Pediatric Trauma—Common Problems, Common Pitfalls

Richard A. Falcone, MD, FACS, *Cincinnati, OH*

Damage Control and Decision-Making in the Acute Transfer (Re-triage) of Severely Injured Patients

Kristan L. Staudenmayer, MD, FACS, *Stanford, CA*

Current Techniques, Options, and Monitoring for Nutritional Support

Kimberly T. Joseph, MD, FACS, FCCM, *Chicago, IL*

From Resuscitate to Discharge: Special Problems in the Geriatric Patient

Robert D. Barraco, MD, MPH, FACS, FCCP, *Allentown, PA*

Sponsored by the Committee on Trauma

DEC05 | Office and Hospital Coding: What to Bill? How to Document and Appeal: 2015 Basic Coding Workshop

TRACK: HP

6 credits, Verification Level II

Sunday, October 4; 8:30 am - 4:00 pm

Location: W187A

CHAIR: Albert Bothe, Jr., MD, FACS, *Danville, PA*

CO-CHAIR: Linda M. Barney, MD, FACS, *Dayton, OH*

This course is focused on fine-tuning the business and reimbursement side of a surgeon's practice. Participants will receive the information and tools needed to code evaluation and management (E/M) services with confidence, use modern payment technologies, evaluate and improve billing and collections systems, and prepare for the coming changes in health care

reimbursement. Learning objectives include selecting the correct category of code for office and hospital services, implementing new strategies for moving toward new payment models, identifying key financial indicators for monthly review, and reducing the chance of an audit by documenting correctly.

INSTRUCTOR: Betsy Nicoletti, CPC, *Northampton, MA*

Session I

Selecting the Correct Type of E/M Service and E/M Modifier

Sunday, 8:30 - 10:30 am

Global Surgical Package

E/M Modifiers

Increased Risk from Misuse of Modifier 25

What to Bill? Selecting the Correct Category of Code

Selecting the Right Level of E/M Service and Avoiding Audit Risk

Sunday, 10:45 am - 12:30 pm

Level of E/M Service

Electronic Health Records and Templates—Reduce Your Risk and Create Useful Notes

Avoiding Note Cloning and Over-Documentation, as Defined by the Office of Inspector General

Selecting a Level of Service Based on Medical Necessity and Complexity

Critical Care

Screening Colonoscopy

ICD-10

Sunday, 1:30 - 3:00 pm

Last Call: ICD-10 Readiness

How Non-Specific ICD-9 Codes Will Hinder the Transition to ICD-10

Critical Documentation Changes

Mapping Program Do's and Don'ts

Diagnosis Coding and Risk-Based Contracts

Practice Management

Sunday, 3:15 - 4:00 pm

Physician Quality Reporting System (PQRS)

Key Performance Financial Indicators

Detailed Appeal Strategy

Who Is Responsible for Coding?

Sponsored by the General Surgery Coding and Reimbursement Committee

DEC06 | Surgical Education: Principles and Practice

TRACK: EDU

6 credits, Verification Level II

Sunday, October 4; 8:30 am - 4:30 pm

Location: W180

CHAIR: Roy Phitayakorn, MD, FACS, *Boston, MA*

CO-CHAIR: Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

The objective of this course is to enhance the teaching skills of surgeons active in student and resident education. The principles of adult learning, mentoring, needs assessment, questioning skills, conference management, feedback, and performance evaluation will be reviewed. In addition, participants will develop a thorough generational understanding of the practical applications of these principles, both in and out of the operating room. This course includes a workshop with interactive, small group discussion.

Session I

Sunday, 8:45 am - 12:00 Noon

MODERATORS:

Roy Phitayakorn, MD, FACS, *Boston, MA*

Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

Activating the Adult Learner

Mary E. Maniscalco-Theberge, MD, FACS,
Washington, DC

Electronic Learning

Jason M. Wallen, MDCM, MBA, FCCP, FACS,
Loma Linda, CA

Questioning Skills: Learning What They Know

Dwight C. Kellicut, MD, FACS, *Honolulu, HI*
Anne T. Mancino, MD, FACS, *Little Rock, AR*

Teaching Technical Skills: From Simulators to the Operating Room

Michael R. Marohn, DO, FACS, *Baltimore, MD*
Guy F. Brisseau, MD, FACS, *Doha, Qatar*

Session II

Sunday, 1:00 - 4:00 pm

Introduction—Skit

Educational Curriculum and Core Competencies

John S. Bruun, MD, FACS, *Las Vegas, NV*

Feedback and Evaluation: The Problem Learner

Roy Phitayakorn, MD, FACS, *Boston, MA*
Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

Sponsored by the Division of Education

DEC07 | Measure Twice, Cut Once! Optimizing Surgical Systems of Care

TRACKS: EDU, INFO

6 credits, Verification Level II

Sunday, October 4; 9:00 am - 4:30 pm

Location: W184A

CHAIR: Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

Surgeons are in a unique position to maximize surgical care by applying principles of health systems engineering to their practices. Learn the critical differences between health systems engineering (HSE) and the traditional approaches to quality improve-



ment. Simple HSE strategies can be used to identify potential problems, measure them in a feasible way, interpret results, propose solutions, and make adjustments as needed. Microsoft Excel can be used for all the necessary tools, and a few very powerful techniques will be taught to help clinicians understand, analyze, and improve their systems of care and to measure outcomes important to them. This course will teach the fundamental principles and skills of HSE to help surgeons lead the way in making important changes to practice and collaborating better with the other members of the performance improvement team. (Participants will need to bring a laptop computer with Excel 2007 or a later version. Lunch will be provided.)

Session I

Sunday, 9:00 - 10:15 am

Introduction and Overview

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

Lessons Learned

Juan A. Sanchez, MD, MPA, FACS, *Baltimore, MD*

Electronic Materials Review

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

Session II

Sunday, 10:30 am - 12:30 pm

Key Concept Review

Harry C. Sax, MD, FACS, FACHE, *Los Angeles, CA*

Paul M. Maggio, MD, FACS, *Stanford, CA*

R through R-Excel

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

Working Session Using Excel, R-Excel

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

Harry C. Sax, MD, FACS, FACHE, *Los Angeles, CA*

Paul M. Maggio, MD, FACS, *Stanford, CA*

Session III

Sunday, 12:30 - 3:00 pm

Quality Management—LEAN

Harry C. Sax, MD, FACS, FACHE, *Los Angeles, CA*

Quality Management—Six Sigma

Paul M. Maggio, MD, FACS, *Stanford, CA*

Session IV

Sunday, 3:15 - 4:30 pm

Assumptions of Analytical Methods

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

Assessing Cause and Effect

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

Summary

Peter J. Fabri, MD, PhD, FACS, *Tampa, FL*

Harry C. Sax, MD, FACS, FACHE, *Los Angeles, CA*

Paul M. Maggio, MD, FACS, *Stanford, CA*

Sponsored by the Committee on Emerging Surgical Technology and Education

DEC08 | Challenges in General Surgery Coding and Reimbursement: 2015 Advanced Coding Workshop

TRACK: HP

6 credits, Verification Level II

Monday, October 5; 9:45 am - 5:15 pm

Location: W180

CHAIR: Mark T. Savarise, MD, FACS, *South Jordan, UT*

CO-CHAIR: Christopher K. Senkowski, MD, FACS, *Savannah, GA*

This course offers an in-depth focus on evaluation and management (E/M) services. This course will cover how to identify and document the appropriate level of service and will address reimbursement issues, including ways to expedite reimbursement with fewer denials by understanding the billing rules. In addition, the course will cover Current Procedural Terminology (CPT), Healthcare Common Procedure Coding System (HCPCS), modifiers, and the surgical global package. Learning objectives include: effectively incorporating 2015 CPT code changes and coding guidelines into practice, differentiating between CPT rules and Medicare reimbursement rules, applying coding and modifier guidelines to accurately report multiple procedure combinations, and articulating why the surgeon's participation in the coding reimbursement process is critical to the bottom line of the practice.

INSTRUCTOR: Teresa Romano, *Arlington Heights, IL*

Session I

Monday, 9:45 - 11:45 am

The Global Package

Surgeon Role Modifiers

Same-Day Surgical Procedure Modifiers

Surgical Services Performed during the Global Surgical Period

Session II

Monday, 12:00 noon - 1:45 pm

Central Venous Catheter Basics

2015 Breast Coding

Hernia Surgery Coding

Session III

Monday, 2:45 - 4:30 pm

Applying 2015 Endoscopy Changes

Colorectal

Appendix Surgery Overview

Strategic Appeals: Approaches and Essential Resources to Increase Your Chances of Success!

Session IV

Monday, 4:45 - 5:15 pm

Gall Bladder Surgery and Liver Biopsies

Integumentary Coding: Do's and Don'ts

*Sponsored by the General Surgery Coding and Reimbursement Committee***DEC09 | General Surgery Review Course**

TRACKS: GEN, TRA

12 credits, Verification Level II

Part I: 5 Sessions; Monday, October 5, 10:00 am - 5:00 pm

Part II: 3 Sessions; Tuesday, October 6, 8:00 am - 4:00 pm

*Location: W185*CHAIR: Laura J. Moore, MD, FACS, *Houston, TX*CO-CHAIR: Sam G. Pappas, MD, FACS, *Maywood, IL*

This two-day course will provide a concise review of a majority of the essential content areas in general surgery. The course will help surgeons comply with Maintenance of Certification requirements and help guide their preparation for recertification examinations. A distinguished faculty will use an interactive case-based format that will cover many of the core elements of general surgery as defined by the American Board of Surgery. The course content will be based on a modular system to include: abdomen, gastrointestinal tract, trauma, critical care, breast, endocrine, vascular, perioperative, and general surgical problems in related specialties. Questions will be available for review by participants before the course. During the course, an interactive audience response system will be used, and following the audience response, the correct answer will be discussed by the faculty. At the conclusion of the course, participants will receive a syllabus with all the questions, answers, supporting discussions, and bibliographies.

Part I

Monday, October 5; 10:00 am - 5:00 pm

Session I: Abdominal

Monday, 10:00 - 11:40 am

MODERATOR: Sam G. Pappas, MD, FACS, *Maywood, IL*

Pancreas (Benign and Malignant)

Attila Nakeeb, MD, FACS, *Indianapolis, IN*

Liver (Benign)

Gerard J. Abood, MD, FACS, *Maywood, IL*

Biliary (Benign and Malignant)

Sam G. Pappas, MD, FACS, *Maywood, IL*

Spleen

Eric Marcotte, MD, *Maywood, IL*

Hernia

Mike K. Liang, MD, FACS, *Houston, TX***Session II: Alimentary**

Monday, 12:40 - 2:20 pm

MODERATOR: Jon C. Gould, MD, FACS, *Milwaukee, WI*

Gastroesophageal Reflux Disease/Hiatal Hernia/Achalasia

Andrew S. Kastenmeier, MD, FACS, *Milwaukee, WI*

Esophageal/Gastric Malignancy

Kiran K. Turaga, MD, MPH, FACS, *Milwaukee, WI*

Colorectal Cancer

Karim Alavi, MD, MPH, FACS, FASCRS, *Worcester, MA*

Benign Colorectal Disease

Charles P. Heise, MD, FACS, *Madison, WI*

Bowel Obstruction/Gastrointestinal Bleeding/Peptic Ulcer Disease

Jacob A. Greenberg, MD, *Madison, WI***Session III: Breast**

Monday, 2:40 - 4:00 pm

MODERATOR: Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Benign Breast Disease

Elisa R. Port, MD, FACS, *New York, NY*

Breast Cancer

E. Shelley Hwang, MD, MPH, FACS, *Durham, NC*

Breast Cancer in Special Situations and Adjunctive Therapies

Judy C. Boughey, MB, BChir, FACS, *Rochester, MN***Session IV: Endocrine**

Monday, 4:10 - 4:40 pm

MODERATOR: Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Endocrine

Melanie Lorene Richards, MD, MHPE, FACS, *Rochester, MN***Session V: Vascular**

Monday, 4:40 - 5:00 pm

MODERATOR: Laura J. Moore, MD, FACS, *Houston, TX*

Vascular

Melanie Hoehn, MD, *Baltimore, MD**Sponsored by the Division of Education***Part II**

Tuesday, October 6; 8:00 am - 4:00 pm

Session I: Trauma

Tuesday, 8:00 - 9:50 am

MODERATOR: Laura J. Moore, MD, FACS, *Houston, TX*

Resuscitation, Head, and Neck Trauma

Laura J. Moore, MD, FACS, *Houston, TX*

Chest and Abdominal Trauma

Stephanie D. Gordy, MD, FACS, *Houston, TX*

Pelvis, Vascular, and Extremity Trauma

Megan Brenner, MD, FACS, *Baltimore, MD*

Session II: Critical Care

Tuesday, 10:10 am - 12:15 pm

MODERATOR: Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Perioperative Cardiac Evaluation

Jasmeet S. Paul, MD, FACS, *Milwaukee, WI*

DVT/PE Prophylaxis and Treatment

Vishal Bansal, MD, FACS, *San Diego, CA*

Critical Care—Respiratory

Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Critical Care—Cardiac

Keely L. Buesing, MD, *Omaha, NE***Session III: Perioperative Care**

Tuesday, 1:15 - 4:00 pm

MODERATOR: Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Fluids, Electrolytes, and Infection

Jasmeet S. Paul, MD, FACS, *Milwaukee, WI*

Hemostasis and Coagulation

Vishal Bansal, MD, FACS, *San Diego, CA*

Wound Healing and Wound Management

Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Nutrition

Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI*

Renal Function

Keely L. Buesing, MD, *Omaha, NE*

Pharmacology

Travis P. Webb, MD, MHPE, FACS, *Milwaukee, WI**Sponsored by the Division of Education***DEC10 | Practical Communication Skills for Difficult Patient Encounters**

TRACKS: EDU, ETH, GEN

6 credits, Verification Level II

Monday, October 5; 10:00 am - 5:00 pm

*Location: W187BC*CHAIR: David R. Urbach, MD, FACS, *Toronto, ON*CO-CHAIR: Margaret (Gretchen) L. Schwarze, MD, FACS, *Madison, WI*

This course will focus on difficult patient encounters and offer communication techniques and strategies to manage them. This session will examine several categories of difficult surgeon-patient interactions, including end-of-life discussions, disclosure of unanticipated outcomes, and how to care for demanding and mistrustful patients. Surgeons will learn practical skills and useful scripts for dialogue, gain confidence in their ability to understand and process these interactions, and practice these techniques with standardized patients and receive feedback.

INSTRUCTORS:

Ana Berlin, MD, MPH

Karen M. Devon, MD, FACS, *Toronto, ON*Alexandra M. Easson, MD, FACS, *Toronto, ON*Joshua M. Hauser, MD, *Chicago, IL*Shunichi Nakagawa, MD, *New York, NY*Margaret (Gretchen) L. Schwarze, MD, FACS, *Madison, WI*David R. Urbach, MD, FACS, *Toronto, ON***Session I: Communicating with Difficult Patients**

Monday, 10:00 am - 12:00 noon

Introduction

A Field Guide to Difficult Patients

Practical Skills 1: Setting the Stage

Practical Skills 2: Communication

Session II: Breakouts

Monday, 11:30 am - 12:15 pm

Basic Scenarios (Group Breakouts)

Session III: Advanced Topics

Monday, 1:15 pm - 2:35 pm

End-of-Life Discussions

Medical-Legal Problems

Hostile, Aggressive, and Entitled Patients

Denial: Mistrustful/Self-Destructive Patients

Session IV: Breakouts

Monday, 2:50 pm - 5:00 pm

Basic Scenarios (Group Breakouts)

Conclusion

*Sponsored by the Task Force on Interpersonal and Communication Skills and Committee on Perioperative Care***DEC11 | Improving Patient Safety and Team Performance in Your OR: The Non-Technical Skills for Surgeons (NOTSS) System**

TRACK: EDU

6 credits, Verification Level II

Tuesday, October 6; 8:30 am - 4:00 pm

Location: W180

CHAIR: Douglas S. Smink, MD, MPH, FACS,

FRCSGlas(Hon), *Boston, MA*CO-CHAIR: Steven J. Yule, PhD, *Boston, MA*

Non-technical skills (situational awareness, decision making, leadership, communication, and teamwork) are increasingly considered essential for success in surgery. The aim of this session is to raise awareness of the impact of non-technical skills on surgical performance. The workshop will be structured around the four categories of non-technical skills detailed in the non-technical skills for surgeons (NOTSS) skills taxonomy. The conceptual background to each category will be briefly described. Participants will then view and discuss simulated operations, focusing on the observable behaviors of the surgeons involved. Structured methods of analyzing behavior will be

used to aid this process in an interactive manner. Participants will gain knowledge of the NOTSS handbook and learn to identify and assess non-technical skills in the operating room.

Session I

Tuesday, 8:30 - 10:05 am

Introduction to NOTSS

Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon),
Boston, MA

Steven J. Yule, PhD, *Boston, MA*

Situation Awareness

Steven J. Yule, PhD, *Boston, MA*

Small Group (Situation Awareness)

Session II

Tuesday, 10:20 - 11:40 am

Decision Making

Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon),
Boston, MA

Small Group (Decision Making)

Cognitive Skills: Putting It Together

Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon),
Boston, MA

Session III

Tuesday, 12:40 - 2:20 pm

Teamwork and Communication

Samuel R.G. Finlayson, MD, MPH, FACS, *Salt Lake City, UT*

Small Group (Teamwork and Communication)

Leadership

George Gray Youngson, CBE, MB, ChB, PhD, FRCPE,
FRCSEd, *Aberdeen, Scotland*

Small Group (Leadership)

Session IV

Tuesday, 2:35 - 4:00 pm

Social Skills: Putting It Together

George Gray Youngson, CBE, MB, ChB, PhD, FRCPE,
FRCSEd, *Aberdeen, Scotland*

Rating Behaviors Using NOTSS

Steven J. Yule, PhD, *Boston, MA*

Wrap Up

Steven J. Yule, PhD, *Boston, MA*

Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon),
Boston, MA

Sponsored by the Division of Education

DEC12 | Maintenance of Certification (MOC) Review: Essentials for Surgical Specialties

TRACKS: EDU, GEN

4 credit, Verification Level II

Tuesday, October 6; 12:30 - 4:45 pm

Location: W184D

CHAIR: Robert R. Lorenz, MD, FACS, *Cleveland, OH*

CO-CHAIR: Robert R. Bahnson, MD, FACS, *Columbus, OH*

Do you have to take Maintenance of Certification (MOC) exam? The surgical fundamentals are competencies that are common to all the surgical subspecialties and are tested during the MOC process. They include topics such as: emergency airway management; deep vein thrombosis prophylaxis; post-op management, including myocardial infarction recognition; conscious sedation; treatment of anaphylaxis; blood conservation; pain management; and patient safety issues, to name but a few. This course seeks to bring together subject matter experts to educate surgeons from all the subspecialties on these topics, with an emphasis on preparation for MOC specifically for these fundamental competencies. This is a one-stop shop for you to quickly get up to speed on all these topic areas and concentrate on the studying the other materials specific to your subspecialty.

Session I

Tuesday, 12:30 - 2:25 pm

Introduction

Robert R. Lorenz, MD, FACS, *Cleveland, OH*

Postoperative Pain Management

James B. Ray, PharmD, CPE, *Iowa City, IA*

Anesthesia and Conscious Sedation

Joshua L. Lumbley, MD, *Columbus, OH*

Perioperative Airway Management

Paul W. Flint, MD, FACS, *Portland, OR*

Session II

Tuesday, 2:40 - 4:45 pm

Perioperative Medical Management

Harrison G. Weed, MD, FACP, *Columbus, OH*

Patient Safety in Surgery

Rahul K. Shah, MD, FACS, *Washington, DC*

Perioperative Anticoagulation

Mark M. Levy, MD, FACS, *Richmond, VA*

Discussion and Conclusion

Robert R. Bahnson, MD, FACS, *Columbus, OH*

Sponsored by the Division of Education

DEC13 | A Primer in Clinical Trials Design and Methodology

TRACKS: BTR, HP

6 credits, Verification Level II

Wednesday, October 7; 8:00 am - 3:30 pm

Location: W184D

CHAIR: Kamal M.F. Itani, MD, FACS, *West Roxbury, MA*

CO-CHAIR: Heidi Nelson, MD, FACS, *Rochester, MN*

This one-day course is based on the five-day intensive course offered every other year by the American College of Surgeons Division of Research and Optimal Patient Care. This course is recommended for surgeons who plan to engage in clinical research trials but do not have the time to attend the five-day course. Expert faculty will use a combination of didactic lec-

tures and examples to develop concepts and skills in the design, implementation, and analysis of randomized clinical trials, funding mechanisms and budget development, outcomes (medical, patient-centered), and dissemination of results through publications.

Session I

Wednesday, 8:00 - 11:50 am

Introduction

Kamal M.F. Itani, MD, FACS, *West Roxbury, MA*
Heidi Nelson, MD, FACS, *Rochester, MN*

The Question and End Points

Peter R. Nelson, MD, MS, FACS, *Tampa, FL*

Developing a Testable Hypothesis

Peter R. Nelson, MD, MS, FACS, *Tampa, FL*

Patient Selection Criteria

Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Study Design and Statistics

Domenic Reda, PhD, *Chicago, IL*

Finding the Right Study Design

Domenic Reda, PhD, *Chicago, IL*

Randomization and Stratification

Domenic Reda, PhD, *Chicago, IL*

Sample Size and Analysis

Domenic Reda, PhD, *Chicago, IL*

Trial Management

Lawrence T. Kim, MD, FACS, *Chapel Hill, NC*

Data Management

Lawrence T. Kim, MD, FACS, *Chapel Hill, NC*

Quality Control

Lawrence T. Kim, MD, FACS, *Chapel Hill, NC*

Session II

Wednesday, 12:50 - 3:45 pm

What Do Editors Look for in Clinical Trials?

Edward H. Livingston, MD, FACS, *Chicago, IL*

Common Mistakes in Clinical Trials

James W. Fleshman, MD, FACS, *Dallas, TX*

Ethical Considerations

Peter Angelos, MD, PhD, FACS, *Chicago, IL*

Funding and Budgeting

Eric L. Lazar, MD, MS FACS, *Morristown, NJ*

Sponsored by the Surgical Research Committee

DEC14 | Annual Update in Surgical Critical Care

TRACK: TRA

7 credits, Verification Level II

Wednesday, October 7; 8:00 am - 5:15 pm

Location: W180

CHAIR: Ali Salim, MD, FACS, *Boston, MA*

CO-CHAIR: Heidi L. Frankel, MD, FACS, *Los Angeles, CA*

The field of surgical critical care is undergoing rapid change. The purpose of this session is to provide a succinct, practical review of the major changes that should be integrated into surgical practice. This will

be a fast-paced review of the relevant changes to critical care practices that have occurred over the last year. Dynamic experts in the field will review the literature and provide tips and tricks for implementing these changes into practice.

Session I

Wednesday, 8:00 am - 12:30 pm

Introduction and Welcome

Ali Salim, MD, FACS, *Boston, MA*
Heidi L. Frankel, MD, FACS, *Los Angeles, CA*

Pulmonary: Physiology and Ventilator-Associated Pneumonia (VAP)

Eric Jude Ley, MD, FACS, *Playa Del Rey, CA*

Pulmonary: Acute Respiratory Distress Syndrome (ARDS) and Ventilators

Pauline K. Park, MD, FACS, *Ann Arbor, MI*

Cardiovascular: Shock and Monitoring

Sarah B. Murthi, MD, FACS, *Baltimore, MD*

Cardiovascular: Arrhythmias and Devices (Left Ventricular Assist Device)

Edward G. Kelly, MD, FACS, *Boston, MA*

Hematology/Transfusion

Gregory P. Victorino, MD, FACS, *Oakland, CA*

Infection in the Intensive Care Unit

Heather L. Evans, MD, MS, FACS, *Seattle, WA*

Transplant and Immunosuppression

Lewis J. Kaplan, MD, FACS, FCCM, FCCP,
Philadelphia, PA

Nutrition

Matthew J. Martin, MD, FACS, *Tacoma, WA*

Session II

Wednesday, 1:30 - 5:15 pm

Renal and Fluids

Alison M. Wilson, MD, FACS, *Morgantown, WV*

Endocrine and Electrolytes

Lillian S. Kao, MD, MS, FACS, *Houston, TX*

Prevention: Infection/Venous Thromboembolism/Gastrointestinal Bleeding

Carlos V. R. Brown, MD, FACS, *Austin, TX*

Trauma

Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*

Pharmacology

Marko Bukur, MD, FACS, *Plantation, FL*

Neurologic Disease

Deborah M. Stein, MD, MPH, FACS, FCCM,
Baltimore, MD

Burns

Jack Sava, MD, FACS, *Washington, DC*

Palliative Care/Ethics

Zara Cooper, MD, FACS, *Boston, MA*

Sponsored by the Committee on Trauma



DEC15 | Managing Common Anorectal Complaints

TRACKS: CRS, GEN, RUS

Wednesday, October 7; 8:30 am - 4:00 pm

Location: W184A

CHAIR: Elisa H. Birnbaum, MD, FACS, FASCRS, *St. Louis, MO*

CO-CHAIR: Jennifer S. Beaty, MD, FACS, FASCRS, *Omaha, NE*

Management of hemorrhoids, anal fistulas, anal fissures, and pilonidal sinus are a major component of general surgery practice. Over the last decade, many new technologies have appeared on the scene, making it challenging for the contemporary surgeon to decide where they fit in day-to-day practice.

Session I

Wednesday, 8:30 - 10:00 am

Pilonidal Abscess

Shane McNevin, MD, FASCRS, *Spokane, WA*

Perirectal Abscess/Fistula

Liliana G. Bordeianou, MD, MPH, FACS, FASCRS, *Boston, MA*

Rectovaginal Fistula

Sean C. Glasgow, MD, FACS, *St. Louis, MO*

Non-healing Perineal Wounds

Larissa K. F. Temple, MD, FACS, *New York, NY*

Panel Discussion

Shane McNevin, MD, FASCRS, *Spokane, WA*

Liliana G. Bordeianou, MD, MPH, FACS, FASCRS, *Boston, MA*

Sean C. Glasgow, MD, FACS, *St. Louis, MO*

Larissa K. F. Temple, MD, FACS, *New York, NY*

Session II

Wednesday, 10:15 - 11:30 am

Fissures

Sonia L. Ramamoorthy, MD, FACS, FASCRS, *La Jolla, CA*

Hemorrhoids

Skandan Shanmugan, MD, *Philadelphia, PA*

Transanal Excision of Rectal Polyps

Meagan M. Costedio, MD, *Cleveland, OH*

Miscellaneous Proctitis

Janice F. Rafferty, MD, FACS, FASCRS, *Cincinnati, OH*

Panel Discussion

Sonia L. Ramamoorthy, MD, FACS, FASCRS, *La Jolla, CA*

Skandan Shanmugan, MD, *Philadelphia, PA*

Meagan M. Costedio, MD, *Cleveland, OH*

Janice F. Rafferty, MD, FACS, FASCRS, *Cincinnati, OH*

Session III

Wednesday, 12:45 - 2:15 pm

Pruritis to Pagets

Rebecca E. Hoedema, MD, FACS, FASCRS, *Grand Rapids, MI*

Strictures/Stenosis

Alan G. Thorson, MD, FACS, *Omaha, NE*

HPV/Squamous Cell Cancer

Rocco Ricciardi, MD, MPH, FACS, FASCRS, *Burlington, MA*

Presacral Tumors

Jon D. Vogel, MD, FACS, FASCRS, *Aurora, CO*

Panel Discussion

Rebecca E. Hoedema, MD, FACS, FASCRS, *Grand Rapids, MI*

Alan G. Thorson, MD, FACS, *Omaha, NE*

Rocco Ricciardi, MD, MPH, FACS, FASCRS, *Burlington, MA*

Jon D. Vogel, MD, FACS, FASCRS, *Aurora, CO*

Session IV

Wednesday, 2:30 - 4:00 pm

Evaluation of PFA

Kim C. Lu, MD, FACS, *Portland, OR*

Obstructive Defecation

Anders Mellgren, MD, FACS, *Chicago, IL*

Intussusception/Enterocoele

Heidi K. Chua, MD, *Rochester, MN*

Rectal Prolapse

Roberta L. Muldoon, MD, FACS, *Nashville, TN*

Panel Discussion

Kim C. Lu, MD, FACS, *Portland, OR*

Anders Mellgren, MD, FACS, *Chicago, IL*

Heidi K. Chua, MD, *Rochester, MN*

Roberta L. Muldoon, MD, FACS, *Nashville, TN*

Sponsored by the Advisory Council for Colon and Rectal Surgery

Surgical Skills Courses

SSC01 | Bariatric Surgery: Managing Complications—Skills and Strategies

TRACK: GEN

(Pts)

6 credits, Verification Level III

Saturday, October 3; 10:00 am - 5:30 pm

Location: McCormick Place West, Lecture: W184A

Workshop: W183BC

CHAIR: Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

CO-CHAIR: Eric M. Pauli, MD, *Hershey, PA*

Bariatric procedures and their associated complication management strategies have evolved over the last 10 to 20 years to include flexible endoscopy as a mainstay. This course will define the role of flexible endoscopy as the primary endoscopic bariatric therapy and also the endoscopic management of surgical complications related to bariatric surgery. The hands-on session will then expose the participant to these different flexible endoscopic techniques. Participants in this course must have basic flexible endoscopic skills.

Welcome and IntroductionJeffrey M. Marks MD, FACS, *Cleveland, OH*Eric M. Pauli, MD, *Hershey, PA***Role of Preoperative and Intraoperative Endoscopy in Bariatric Surgery****Endoscopic Appearance of Post-Bariatric Surgery Anatomy****Endoscopic Management of Minor Complications of Bariatric Surgery—Strictures, Bleeding, Food Impaction, Retained Sutures****Endoscopic Management of Major Complications of Bariatric Surgery—Leaks, Staple Line Dehiscence, Gastro-Fastric Fistulae**Jeffrey M. Marks, MD, FACS *Cleveland, OH***Management of Banding Complications—Vertical-Banded Gastroplasty (VGB), Laparoscopic Adjustable Gastric Banding (LAGB)****Questions/Panel discussion****Break****Primary Bariatric Procedures—Suturing**Natan Zundel, MD, FACS, *North Miami Beach, FL***Primary Bariatric Procedures—Space Occupying**Eric Pauli, MD, *Hershey, PA***Primary Bariatric Procedures—Malabsorptive**Dean J. Mikami, MD, FACS, *Columbus, OH***Secondary Bariatric Procedures—Anastomotic Reduction, Pouch Reduction****Future Bariatric Endoluminal Therapies**Leena Khaitan, MD, FACS, *Chardon, OH***Questions/Panel Discussion****Lunch and Lab Overview****Hands-On Skills Session****Break****Hands-On Skills Session***Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons***SSC02 | Advanced Skills Training for Rural Surgeons: Laparoscopic Bile Duct Exploration and Facial Lacerations**

TRACKS: GEN, PLA, RUS

8 credits, Verification Level III

Saturday, October 3; 8:30 am - 5:30 pm

*Location: Northwestern Simulation (NU SIM)**Northwestern University Feinberg School of Medicine*CHAIR: Amy L. Halverson, MD, FACS, *Chicago, IL*CO-CHAIR: Adam Deutchman, MD, FACS, *Salmon, ID*

This course includes the topics of laparoscopic common bile duct exploration and facial plastic surgery. Both of these modules have been taught in previous rural skills courses and received positive feedback. The laparoscopic common bile duct course is important because endoscopic retrograde cholan-

giopancreatography (ERCP) is often not available in rural locations. Participants will learn the indications and contraindications for laparoscopic common bile duct exploration. They will practice the technique of laparoscopic bile duct stone extraction via the cystic duct, and using a choledochotomy on a task-specific simulator. The facial plastic surgery module will cover the techniques of facial lesion excision and options for defect closure as well as laceration repair of the eyelid, lip, and cheek.

Welcome and IntroductionAmy L. Halverson, MD, FACS, *Chicago, IL*Adam Deutchman, MD, FACS, *Salmon, ID***Repair of Facial Lacerations**Douglas M. Sidle, MD, FACS, *Chicago, IL***Excision of Facial Lesions**Simon Yoo, MD, *Chicago, IL***Reconstruction of Facial Soft-Tissue Defects**Mohammed Alghoul, MD, *Chicago, IL***Break****Skills Sessions (Concomitant, Groups 1 & 2)****Laparoscopic Common Bile Duct Exploration; Facial Plastic Surgery****Lunch with Discussion****Skills Session 1 Continues****Skills Sessions (Concomitant, Groups Rotate)****Laparoscopic Common Bile Duct Exploration; Facial Plastic Surgery****Break****Skills Sessions 2 Continues****Course Wrap-up and Discussion****HANDS-ON SKILLS STATION INSTRUCTORS: LAPAROSCOPIC COMMON BILE DUCT EXPLORATION**Eric S. Hungness, MD FACS, *Chicago, IL*Alexander P. Nagle, MD FACS, *Chicago, IL*Byron F. Santos, MD, *East Thetford, VT*Ezra N. Teitelbaum, MD, *Chicago, IL*Khashayar Vaziri, MD FACS, *Washington, DC***HANDS-ON SKILLS STATION INSTRUCTORS: FACIAL PLASTIC SURGERY**Marco F. Ellis, MD, *Chicago, IL*Thomas W. Huntsman, MD, *Cooperstown, NY*Douglas M. Sidle, MD, FACS, *Chicago, IL*Kerstin M. Stenson, MD, FACS, *Chicago, IL*Simon Yoo, MD, *Chicago, IL**Sponsored by the Advisory Council for Rural Surgery***SSC03 | Oncoplastic Breast Surgery for the General Surgeon**

TRACKS: GEN, ONC

6 credits, Verification Level III

Saturday, October 3; 10:00 am - 5:15 pm

*Location: Northwestern Simulation (NU SIM)**Northwestern University Feinberg School of Medicine*CHAIR: Shawna C. Willey, MD, FACS, *Washington, DC*

This session will cover an up-to-date review of advances in management strategies for patients with breast cancer and comorbidities. The goal of the course is to increase the competencies and performance of health care professionals involved in treating this patient population, which will ultimately improve the quality of life and overall survival of patients with this disease.

Welcome and Introduction

Shawna C. Willey, MD, FACS, *Washington, DC*

Optimizing Cosmetic Outcomes for Breast Excisions

Cary S. Kaufman, MD, FACS, *Bellingham, WA*

Imaging for Oncoplastic Procedures

Ronda S. Henry-Tillman, MD, FACS, *Little Rock, AR*

Pathologic Consideration for Partial Mastectomy vs. Mastectomy

Pat W. Whitworth, MD, FACS, *Nashville, TN*

Planning for Reconstruction Partial Mastectomy and Reduction Oncoplasty

Gail Lebovic, MD, FACS, *Frisco, TX*

Techniques for Reconstructing Partial Mastectomy

Julianne M. Reiland, MD, FACS, *Sioux Falls, SD*

Nipple-Sparing Mastectomy/Skin-Sparing Mastectomy

Shawna C. Willey, MD, FACS, *Washington, DC*

Alternative Mastectomy Patterns

Ronda S. Henry-Tillman, MD, FACS, *Little Rock, AR*

Closing Remarks and Instructions/Details about Hands-On Lab

Shawna C. Willey, MD, FACS, *Washington, DC*

Lunch with Panel Discussion

Hands-On Skills Cadaver Lab

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

SSC04 | Surgical Endoscopy: Advancing Minimally Invasive Surgery and Retooling Our Workforce

TRACK: GEN

SSC04A: Lecture Only

4 credits, Verification Level II

Sunday, October 4; 8:00 am - 12:15 pm

Location: McCormick Place West, W181

SSC04B: Lecture and Lab

8 credits, Verification Level III

Sunday, October 4; 8:00 am - 5:30 pm

Location: McCormick Place West, Lecture: W181

Lab: W183BC

CHAIR: John D. Mellinger, MD, FACS, *Springfield, IL*

CO-CHAIR: Brian J. Dunkin, MD, FACS, *Houston, TX*

Therapeutic endoscopy is changing the face of surgery. Gastroesophageal reflux disease (GERD), Barrett's esophagus, achalasia, anastomotic leaks, and intestinal fistulas are all being managed with

endoscopic therapies. This course will demonstrate how to use flexible endoscopy to take better care of surgical patients both in and out of the operating room. It will also describe how the American Board of Surgery is working to retool the surgical workforce by mandating a curriculum in flexible gastrointestinal (GI) endoscopy with validated metrics of performance for all general surgery residents. A hands-on lab will introduce participants to techniques and technologies that can be readily introduced into their practice, including the following: placing stents, mucosal ablation, endolumenal therapies for GERD, endoscopic suturing, endoscopic mucosal resection, and per oral endoscopic myotomy (POEM).

Session A: Lectures

Sunday, 8:00 am - 12:15 pm

Welcome and Introduction

John D. Mellinger, MD, FACS, *Springfield, IL*

Brian J. Dunkin, MD, FACS, *Houston, TX*

Why Should I Perform Flexible Endoscopy?

Thadeus L. Trus, MD, *Lebanon, NH*

Patient Preparation and Sedation

John D. Mellinger, MD, FACS, *Springfield, IL*

Esophageal Endoscopy

Jose M. Martinez, MD, FACS, *Miami, FL*

Colonoscopy

Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN*

Understanding Energy Sources

Brian J. Dunkin, MD, FACS, *Houston, TX*

Enteral Access

Bipan Chand, MD, FACS, FASMB, FASGE, *Maywood, IL*

Break

Polypectomy

Michael F. McGee, MD, FACS, *Chicago, IL*

Intraoperative Endoscopy

Robert D. Fanelli, MD, FACS, FASGE, *Sayre, PA*

Dilation (Balloon and Bougie)

Jeffrey W. Hazey, MD, FACS, *Columbus, OH*

Stents

Jeffrey M. Marks, MD, FACS, *Cleveland, OH*

A Glimpse of the Future of Flexible Endoscopy for Surgeons

Lee L. Swanstrom, MD, FACS, *Portland, OR*

Final Question and Answer Discussion

John D. Mellinger, MD, FACS, *Springfield, IL*

Brian J. Dunkin, MD, FACS, *Houston, TX*

Session B: Hands-On Skills Workshop (Includes Morning Lectures)

Sunday, 12:15 - 5:30 pm

Lunch (ticket required)

Introduction to Lab, 1:15 pm

Hands-On Lab Stations

Break

Hands-On Lab Stations



HANDS-ON SKILLS STATION INSTRUCTORS:

Diya I. Aladeen, MD, FACS, *Cleveland, OH*
 Jeffrey A. Blatnik MD, *St. Louis, MO*
 Robert J. Bowles, MD, *Miami, FL*
 Bipan Chand, MD, FACS, FASMB, FASGE, *Maywood, IL*
 Robert D. Fanelli, MD, FACS, FASGE, *Sayre, PA*
 Jeffrey W. Hazey, MD, FACS, *Columbus, OH*
 Jeffrey M. Marks, MD, FACS, *Cleveland, OH*
 Jose M. Martinez, MD, FACS, *Miami, FL*
 Michael F. McGee, MD, FACS, *Chicago, IL*
 Eric M. Pauli, MD, *Hershey, PA*
 Jonathan P. Pearl, MD, FACS, *Baltimore, MD*
 Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*
 Charles Y. Ro, MD, FACS, *Joplin, MO*
 Steven D. Schwartzberg, MD, FACS, *Cambridge, MA*
 Lee L. Swanstrom, MD, FACS, *Portland, OR*
 Thadeus L. Trus, MD, *Lebanon, NH*
 Melina C. Vassiliou, MD, FACS, MEd, *Montreal, QC*

Sponsored by the Advisory Council for General Surgery

SSC05 | Practical Applications of Ultrasonography in the Intensive Care Unit (Echocardiography)

TRACKS: EDU, TRA

7 credits, Verification Level III
 Sunday, October 4; 8:30 am - 5:15 pm
Location: McCormick Place West, W183A

CHAIR: Paula Ferrada, MD, FACS, *Richmond, VA*
 CO-CHAIR: Amy Catherine Sisley, MD, FACS, *Phoenix, AZ*

This course focuses on the intensive care unit patient population emphasizing relevant ultrasound skills for the surgical intensivist. Recently, bedside echocardiography (ECHO) has emerged as a valuable tool in the assessment of critically ill patients. Included in this module is an introduction to the use of a limited echocardiogram assessing cardiac function and volume status. Evaluation of the thoracic cavity for the presence of fluid (hemothorax or pleural effusion) is included. The didactic sessions will review indications for bedside ECHO and thoracic imaging. Case studies will illustrate the application of ECHO in the management of critically ill patients. This course will provide hands-on experience in a small group format with experienced instructors.

Prerequisite: Registrants must have completed *Ultrasound for Surgeons: The Basic Course, Third Edition* online course. Please visit <https://www.facs.org/education/accreditation/verification/ultrasound/course> for details.

Course Introduction and Overview
 Paula Ferrada, MD, FACS, *Richmond, VA*
 Amy Catherine Sisley, MD, FACS, *Phoenix, AZ*

Parasternal Long
 Rachael A. Callcut, MD, MSPH, FACS, *San Francisco, CA*

Parasternal Short
 James F. Whelan, MB, BCh, FACS, *Lenexa, VA*
 Apical 4-5 Chamber
 Jacob J. Glaser, MD, *Glenwood, MD*
 Subxiphoid
 Jamie J. Coleman, MD, *Indianapolis, IN*
 Thoracic
 Amy Catherine Sisley, MD, FACS, *Phoenix, AZ*
 Case Presentations
 Paula Ferrada, MD, FACS, *Richmond, VA*
 Cardiac Output Stroke Volume
 Heidi L. Frankel, MD, FACS, *Los Angeles, CA*
 Global Assessment
 Oliver L. Gunter, MD, FACS, *Nashville, TN*
 Effusion and PreLoad Assessment
 Matthew E. Lissauer, MD, FACS, *New Brunswick, NJ*
Sponsored by the National Ultrasound Faculty

SSC06 | Rib Plating

TRACKS: GEN, TRA

4 credits, Verification Level III
 Sunday, October 4; 9:00 am - 2:15 pm
Location: Lecture: W184D
Lab: W184BC

CHAIR: John C. Mayberry, MD, FACS, *Boise, ID*
 CO-CHAIR: Andrew R. Doben, MD, FACS, *Springfield, MA*

This course consists of didactic followed by lab instruction with faculty experts in rib fracture open reduction internal fixation (ORIF). At the conclusion of the course, attendees can expect to be well-versed in the indications, technical challenges, and basic surgical principles of rib fracture ORIF.

Welcome and Course Overview
 John C. Mayberry, MD, FACS, *Boise, ID*

Historical and Literature Review
 Fredric M. Pieracci, MD, FACS, *Denver, CO*

Acute Indications and Illustrative Cases
 Mario G. Gasparri, MD, FACS, *Greendale, WI*

Chronic Indications and Bone Grafting
 Timothy H. Pohlman, MD, FACS, *Indianapolis, IN*

Use of Pulmonary Function Tests (PFTs) and 3-D Printing
 Andrew R. Doben, MD, FACS, *Springfield, MA*

Question and Answer Session

Break: Move to Lab Room

Lab Session 1

Break & Rotate Lab Stations

Lab Session 2

Course Wrap-Up and Discussion

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

SSC07 | Ultrasound for Pediatric Surgeons

TRACKS: GEN, PED

6 credits, Verification Level III

Monday, October 5; 9:45 am - 5:15 pm

Location: McCormick Place West, W183A

CHAIR: Stefan Scholz, MD, FACS, FAAP, *Pittsburgh, PA*

CO-CHAIR: Marcus D. Jarboe, MD, FACS, *Ann Arbor, MI*

This course provides pediatric surgeons with an introduction to ultrasound and the basic skills needed for use in their practice. This course includes brief didactic sessions on the physics of ultrasound instrumentation and on scanning techniques and the clinical applications in the neonatal and pediatric patient. Particular attention is given to ultrasound-guided techniques as applicable to pediatric surgeons in their daily practice. The course now offers an expanded hands-on session with stations briefly focusing on diagnostic techniques, such as (Focused Assessment with Sonography in Trauma (FAST) and cervical and abdominal windows and findings, but, most importantly, on teaching interventional procedures, such as vascular access or placement of drains. Ultrasound techniques will be practiced on human models as well as on simulators. The course covers ultrasound basics for the pediatric/neonatal patient; trauma/FAST examination; diagnosis of soft-tissue abscess, appendicitis, hypertrophic pyloric stenosis, intussusception, intestinal malrotation; diagnosis and treatment of intracavitary fluid collections (abdominal/thoracic); insertion of arterial lines as well as peripheral and central venous catheters; interventional biopsy techniques for tumors and masses; and other pediatric applications.

Prerequisite: Registrants must have completed *Ultrasound for Surgeons: The Basic Course, Third Edition* online course. Please visit <https://www.facs.org/education/accreditation/verification/ultrasound/course> for details.

Welcome and Introduction

Stefan Scholz, MD, FACS, FAAP, *Pittsburgh, PA*

Marcus D. Jarboe, MD, FACS, *Ann Arbor, MI*

Basic Ultrasound Physics, Knobology, and Scanning Techniques

Guy F. Brisseau, MD, FACS, *Doha, Qatar*

Ultrasound for the Pediatric Trauma Patient/FAST

Alexander Dzakovic, MD, *Chicago, IL*

Pediatric and Neonatal Ultrasound Applications (abscess, hypertrophic pyloric stenosis, acute, appendicitis, intussusception, inguinal, hernia/hydrocele, liver and gallbladder, imperforate anus, kidney)

Stefan Scholz, MD, FACS, FAAP, *Pittsburgh, PA*

Ultrasound-Guided Insertion of Peripheral and Central Venous and Arterial Catheters

Marcus D. Jarboe, MD, FACS, *Ann Arbor, MI*

Interventional Ultrasound Techniques (subcutaneous or abdominal fluid collections, thoracentesis, paracentesis, FNA of thyroid or breast nodule, true cut biopsy of liver nodule)

Ranjith Vellody, MD, *Ann Arbor, MI*

Break

Hands-On Skills Session

HANDS-ON SKILLS STATION INSTRUCTORS:

Guy F. Brisseau, MD, FACS, *Doha, Qatar*

Samir K. Gadepalli, MD, MBA, FACS, *Ann Arbor, MI*

Alexander Dzakovic, MD, *Chicago, IL*

Marcus D. Jarboe, MD, FACS, *Ann Arbor, MI*

Stefan Scholz, MD, FACS, FAAP, *Pittsburgh, PA*

Ranjith Vellody, MD, *Ann Arbor, MI*

Sponsored by the Advisory Council for Pediatric Surgery

SSC08 | Endovascular Skills for Hemorrhage Control*

TRACK: VAS



6 credits, Verification Level III

Monday, October 5; 10:00 am - 5:15 pm

Location: Grainger Center for Simulation and Innovation (GCSI)

NorthShore University HealthSystem

*Transportation will be provided

CHAIR: Lena M. Napolitano, MD, FACS, FCCP, FCCM, *Ann Arbor, MI*

CO-CHAIR: Jonathan L. Eliason, MD, FACS, *Ann Arbor, MI*

There is an ever-evolving role of endovascular techniques for traumatic vascular injuries. These techniques should be incorporated into the early treatment algorithm of trauma patients, particularly for those requiring difficult operative exposure. This course will provide both lecture and hands-on skills in the use of the Resuscitative Endovascular Occlusion of the Aorta (REBOA) and the necessary tools used in the procedure. This course is for vascular and non-vascular surgeons. Note: Live fluoroscopy will be used during the surgical skills lab portion of the course.

Welcome and Course Overview

Lena M. Napolitano, MD, FACS, FCCP, FCCM,

Ann Arbor, MI

Endovascular Skills and Techniques for Trauma

Indications and Clinical Applications of Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA)

REBOA Technique

Lunch

Endovascular Simulator and Hands-On Endovascular Inventory

Ultrasound-Guided Femoral Arterial Access and Porcine Anatomy

Endovascular Access and Techniques in Porcine and Synthetic Cadaver Perfused Model

Vascular Injury and REBOA Control in Porcine Model

Course Wrap-Up

COURSE FACULTY:

Lena M. Napolitano, MD, FACS, FCCP, FCCM,
Ann Arbor, MI

Jonathan L. Eliason, MD, FACS, *Ann Arbor, MI*

Mark A. Mattos, MD, *Detroit, MI*

Col. Todd E. Rasmussen, MD, FACS, *Fort Detrick, MD*

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

SSC09 | Advanced Colonoscopy Skills Course: New Interventions and Frontiers

TRACKS: CRS, RUS

4 credits, Verification Level III

Monday, October 5; 1:00 - 5:15 pm

Location: Lecture: W184A

Lab: W183BC

CHAIR: Richard L. Whelan, MD, FACS, FASCRS, *New York, NY*

CO-CHAIR: Paul C. Shellito, MD, FACS, *Boston, MA*

The last few years have brought new innovations in advanced technique for polypectomy (for example, endoscopic mucosal resection), endoluminal management of anastomotic leaks, stents to relieve obstruction and clips to treat bleeding, to name a few.

Welcome and Introduction

Richard L. Whelan, MD, FACS, *New York, NY*

Paul C. Shellito, MD, FACS, *Boston, MA*

Laparoscopic and Endoscopic Removal of Polyps

Endoscopic Submucosal Dissection

Large Flat Polyps—Other Options

Stenting of Colorectal Strictures

Endoscopic Management of Anastomotic Leak

Break

Introduction to Lab

Hands-On Lab Stations

Sponsored by the Advisory Council for Colon and Rectal Surgery

SSC10 | Laparoscopic Inguinal and Ventral Hernia Repair

TRACKS: EDU, GEN

SSC10A: Lecture Only

3.25 credits, Verification Level II

Tuesday, October 6; 8:00 - 11:30 am

Location: W181

SSC10B: (Lecture and Lab)

7.25 credits, Verification Level III

Tuesday, October 6, 8:00 am - 4:45 pm

Location: Lecture: W181

Lab: W184BC

CHAIR: Carla M. Pugh, MD, PhD, FACS, *Madison, WI*

CO-CHAIR: Aurora D. Pryor, MD, FACS, *Stony Brook, NY*

CO-CHAIR: Michael J. Rosen, MD, FACS, *Solon, OH*

The learning curve for laparoscopic hernia repair has been quoted to be more than 50 cases despite participation in formal training courses. Prior work assessment skills learned during animal and simulation-based training courses reveal incomplete transfer to live operating room environments. As most courses largely focus on technical aspects of laparoscopic hernia repair, assessment of cognitive and decision-based approaches is also warranted.

Session A: Lectures

Tuesday, 8:00 - 11:30 am

Course Introduction and Overview

Carla M. Pugh, MD, PhD, FACS, *Madison, WI*

Aurora D. Pryor, MD, FACS, *Stony Brook, NY*

Lecture Series: The Basics; Laparoscopic Incisional Hernia Repair

Fundamental Principles of Laparoscopic Incisional Hernia Repair

Adrian E. Park, MD, FACS, FRCSC, FCS(ECSA),

Annapolis, MD

Laparoscopic Component Separation Repair

Philip A. Omotosho, MD, *Durham, NC*

What Is the Evidence to Support Laparoscopic Incisional Hernia Repair?

Justin B. Dimick, MD, MPH, FACS, *Ann Arbor, MI*

Lecture Series: The Basics; Laparoscopic Inguinal Hernia Repair

Laparoscopic TAPP Repair: Why I Do It and How

Gina L. Adrales, MD, MPH, FACS, *Lebanon, NH*

Laparoscopic TeP Repair: Why I Do It and How

Melina C. Vassiliou, MD, FACS, MEd, *Montreal, QC*

Laparoscopic Inguinal Hernia Repair: What Are the Data?

Aurora D. Pryor, MD, FACS, *Stony Brook, NY*

Lecture Series: Case Scenarios; Laparoscopic Incisional Hernia Repair

What Do You Do after Recurrence after Posterior Mesh Repair?

John S. Roth, MD, FACS, *Lexington, KY*

Hernias in Difficult Positions: Challenges and Solutions

Dimitrios Stefanidis, MD, PhD, FACS, FASMBS,
Charlotte, NC

Oops, What Do I Do Now?

Archana Ramaswamy, MD, FACS, *Minneapolis, MN*

Lecture Series: Case Scenarios; Laparoscopic Inguinal Hernia Repair

Laparoscopic Repair for Recurrence after Previous Open Plug Repair

Michael J. Rosen, MD, FACS, *Solon, OH*

Laparoscopic Repair of Recurrences after Previous TEP Repair

Jacob A. Greenberg, MD, EdM, *Madison, WI*

Oops, What Do I Do Now?

William W. Hope, MD, FACS, *Wilmington, NC*

Session B: Hands-On Skills Workshop (Includes Morning Lectures)

Tuesday, 12:30 pm - 4:45 pm

Lunch

Introduction to Hands-On Skills Course and Station Assignments

Carla M. Pugh, MD, PhD, FACS, *Madison, WI*

Michael J. Rosen, MD, FACS, *Solon, OH*

HANDS-ON SKILLS STATION INSTRUCTORS:

Justin B. Dimick, MD, MPH, FACS, *Ann Arbor, MI*

Robert J. Fitzgibbons, MD, FACS, *Omaha, NE*

Jacob A. Greenberg, MD, EdM, *Madison, WI*

William W. Hope, MD, FACS, *Wilmington, NC*

Dennis R. Klassen, MD, *Halifax, NS*

Karl A. LeBlanc, MD, FACS, *Baton Rouge, LA*

Brent D. Matthews, MD, FACS, *St. Louis, MO*

Yuri W. Novitsky, MD, *West Hartford, CT*

David W. Overby, MD, FACS, *Chapel Hill, NC*

Eric M. Pauli, MD, *Hershey, PA*

Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN*

Bruce Ramshaw, MD, FACS, *Daytona Beach, FL*

Sergio Roll, *Sao Paulo, Brazil*

John S. Roth, MD, FACS, *Lexington, KY*

Dimitrios Stefanidis, MD, PhD, FACS, FASMBS,
Charlotte, NC

Ashley H. Vernon, MD, FACS, *Boston, MA*

Jin S. Yoo, MD, FACS, *Durham, NC*

Sponsored by the Committee on Emerging Surgical Technology and Education

SSC11 | Advanced Hepatopancreaticobiliary (HPB) Ultrasound

TRACKS: GEN, ONC

7.75 credits, Verification Level III

Tuesday, October 6; 8:30 am - 5:45 pm

Location: McCormick Place West, W183A

CHAIR: Ellen J. Hagopian, MD, FACS, *Hackensack, NJ*

CO-CHAIR: Reid B. Adams, MD, FACS, *Charlottesville, VA*

CO-CHAIR: Junji Machi, MD, PhD, FACS, *Honolulu, HI*

The goal of this course is to provide the surgeon, and surgical gastroenterology (GI) Fellow (HPB, Advanced GI, Minimally Invasive, Surgical Oncology, Transplant), with advanced education and training in HPB ultrasound. The course will review the basic principles of ultrasound and will provide indepth instruction on the techniques of ultrasound in HPB surgery. Centering on intraoperative and laparoscopic abdominal ultrasound, the course will provide a comprehensive understanding of the anatomy of the HPB system in addition to ultrasound techniques, methods, and guidance.

Welcome and Introduction

Ellen J. Hagopian, MD, FACS, *Hackensack, NJ*

Reid B. Adams, MD, FACS, *Charlottesville, VA*

Ultrasound Principles and Instrumentation

Ellen J. Hagopian, MD, FACS, *Hackensack, NJ*

Ultrasound Scanning Techniques: Transabdominal (TAUS), Intraoperative (IOUS) and Laparoscopic (LAP)

Eren Berber, MD, FACS, *Cleveland, OH*

Gallbladder and Bile Duct Ultrasound: Normal Anatomy and Pathology

Reid B. Adams, MD, FACS, *Charlottesville, VA*

Liver Ultrasound: Normal Anatomy and Pathologic Findings

Robert C. G. Martin, MD, PhD, FACS, *Louisville, KY*

Pancreas Ultrasound: Normal Anatomy and Pathologic Findings

Nicholas J. Zyromski, MD, FACS, *Indianapolis, IN*

Introduction to Hands-On Sessions

Ellen J. Hagopian, MD, FACS, *Hackensack, NJ*

Junji Machi, MD, PhD, FACS, *Honolulu, HI*

Hands-On Skills Session: HBP Anatomy and Technique: Using Standardized Patients

Techniques in Ultrasound Guidance: TAUS, IOUS and LAP

Jose M. Velasco, MD, FACS, *Chicago, IL*

Methods of Tumor Ablation in HPB Surgery

David A. Iannitti, MD, FACS, *Charlotte, NC*

Application of Ultrasound HPB Surgery Practice

Gary R. Gecelter, MD, FACS, FACG, *Manhasset, NY*

Getting Started in Ultrasound

Junji Machi, MD, PhD, FACS, *Honolulu, HI*

Hands-On Skills Session: Scanning Methods and Ultrasound Guidance: Intraoperative and Laparoscopic: Using Models

HANDS-ON SKILLS STATION INSTRUCTORS:

Chet Hammill, MD, FACS, *Portland, OR*

Dhires R. Jeyarajah, MD, FACS, *Dallas, TX*

Sponsored by the National Ultrasound Faculty

SSC12 | Performing Total Mesorectal Excision (TME)

TRACK: CRS

4 credits, Verification Level III

Tuesday, October 6; 9:00 am - 1:15 pm

Location: McCormick Place West, Lecture: W184A

Lab: W183BC

CHAIR: Conor P. Delaney, MCh, PhD, FACS, FASCRS, Cleveland, OH

CO-CHAIR: Jose G. Guillem, MD, FACS, New York, NY

TME has been shown to dramatically reduce the local recurrence rate for rectal cancer surgery. Workshops from around the world have documented the efficacy and feasibility of workshops in teaching TME and improving the outcomes for patients with rectal cancer.

Welcome and Introduction

Conor P. Delaney, MB, BCh, PhD, FACS, Cleveland, OH

Mesorectal Anatomy, Nerves, and Vasculature

Jose G. Guillem, MD, FACS, New York, NY

Imaging in 2015—Planning Surgical Approaches

Open TME

Laparoscopic TME

Conor P. Delaney, MB, BCh, PhD, FACS, Cleveland, OH

Robotic TME

Alessio Pigazzi, MD, PhD, FACS, Orange, CA

Transanal TME

Discussion Groups

Break

Tumor Boards and Multidisciplinary Involvement

Scott A. Strong, MD, FACS, Chicago, IL

Approaching the Perineum for Abdominal Perineal Resection (APR)

Scott R. Steele, MD, FACS, Shaker Heights, OH

Principles and Planes of "Beyond TME"

Eric J. Dozois, MD, FACS, Rochester, MN

Flaps and Reconstruction

Miguel A. Rodriguez-Bigas, MD, FACS, Houston, TX

Anastomotic Options for Rectal Cancer Surgery

Thomas E. Read, MD, FACS, Burlington, MA

Quality Measures and Economic Implications

Martin R. Weiser, MD, FACS, New York, NY

Discussion

Sponsored by the Advisory Council for Colon and Rectal Surgery

SSC13 | Thyroid and Parathyroid Ultrasound

TRACKS: EDU, GEN, OTO

7 credits, Verification Level III

Wednesday, October 7; 8:00 am - 4:30 pm

Location: McCormick Place West, W183A

CHAIR: Lisa A. Orloff, MD, FACS, Stanford, CA

CO-CHAIR: Russell B. Smith, MD, FACS, Omaha, NE

The objective of this course is to introduce the practicing surgeon to office-based ultrasound examination of the thyroid and parathyroid glands and related pathology. The distinction between normal and malignant lymphadenopathy is emphasized with a demonstration of the comprehensive examination of lymph node basins in cervical levels I-VI. The technique of ultrasound-guided fine needle aspiration (FNA) of thyroid nodules and lymph nodes are demonstrated in didactic lecture format. In addition, skill sessions allow the surgeon to develop skills to perform diagnostic neck ultrasound. Patient volunteers will allow supervised hands-on experience with transverse and longitudinal ultrasound methods. The techniques of FNA of lesions will be performed using phantom models. Attendees will be instructed in the practical detail and hurdles in developing office-based ultrasound.

Introduction and Discussion of Schedule

Lisa A. Orloff, MD, FACS, Stanford, CA

Russell B. Smith, MD, FACS, Omaha, NE

Principles and Physics of Ultrasound

Lawrence T. Kim, MD, FACS, Chapel Hill, NC

Scanning Techniques, Normal Neck Anatomy, and Lymphadenopathy

Russell B. Smith, MD, FACS, Omaha, NE

Thyroid Disease

William B. Armstrong, MD, FACS, Orange, CA

Parathyroid Disease

Maisie L. Shindo, MD, FACS, Portland, OR

Interventional Ultrasonography

Lisa A. Orloff, MD, FACS, Stanford, CA

Lunch Break and Lecture

Integrating Office-Based Ultrasound into a Practice

Joyce J. M. Shin, MD, FACS, Cleveland, OH

Hands-On Skills Sessions

Instructor Demonstration

Session 1: Knobology

Session 2: Normal Anatomy

Session 3: Vascular Anatomy with Doppler and Parathyroid Evaluation

Break

Session 4: Lymph Node Evaluation

Session 5: Practical Exam

Session 6: Ultrasound Guided FNA

Sponsored by the National Ultrasound Faculty

SSC14 | Minimally Invasive Laparoscopic Colorectal Surgery*

TRACK: CRS

SSC14A: Lecture Only

4 credits, Verification Level II

Wednesday, October 7; 8:00 am - 12:15 pm

Location: McCormick Place West, W181

SSC14B: Lecture and Lab

8 credits, Verification Level III

Wednesday, October 7, 8:00 am - 5:45 pm

Location: Grainger Center for Simulation and Innovation (GCSI)

NorthShore University HealthSystem

*Transportation will be provided to the lab Grainger Center for Simulation and Innovation (GCSI) following the lectures at McCormick Place

CHAIR: Deborah A. Nagle, MD, FACS, Boston, MA

CO-CHAIR: Howard M. Ross, MD, FACS, FASCRS, Philadelphia, PA

Laparoscopic resection for colorectal disease is progressively becoming the preferred technique for colectomy for most diseases, with increased penetrance. The technology continues to progress rapidly.

Session A: Lectures

Wednesday, 8:00 am – 12:15 pm

Welcome and Introduction

Deborah A. Nagle, MD, FACS, Boston, MA

Howard M. Ross, MD, FACS, Philadelphia, PA

Laparoscopic Right Colectomy

Joseph C. Carmichael MD, FACS, FASCRS, Orange, CA

Laparoscopic Sigmoid Colectomy

Joanne Favuzza, DO, Chicago, IL

Flexures and Transverse Colon

Abraham Fingerhut, MD, FACS, Poissy, France

Laparoscopic Proctectomy

Bradley J. Champagne MD, FACS, FASCRS, Cleveland, OH

Hand Port Technique

David E. Rivadeneira MD, FACS, FASCRS, Woodbury, NY

Single Port Technique

Edward C. Lee, MD, FACS, Albany, NY

Break

Complications and How to Avoid Them

Howard M. Ross, MD, FACS, Philadelphia, PA

Ostomy Creation

Matthew M. Philp, MD, FACS, Warrington, PA

Laparoscopic Interface with Robotics

Vincent J. Obias, MD, FACS, Washington DC

Transanal Minimally Invasive Surgery (TAMIS)

Deborah A. Nagle, MD, FACS, Boston, MA

Panel Discussion

Session B: Hands-On Skills Workshop (Includes Morning Lectures)

Wednesday, 12:15 pm – 5:45 pm

Lunch (ticket required)

Transportation Provided to GCSI

Introduction to Lab

Deborah A. Nagle, MD FACS, Boston, MA

Howard M. Ross, MD FACS, Philadelphia, PA

Hands-On Lab

Break

Hands-On Lab

Transportation from GCSI to McCormick Place

COURSE FACULTY:

Joseph C. Carmichael MD, FACS, FASCRS, Orange, CA

Bradley J. Champagne MD, FACS, FASCRS, Cleveland, OH

Bradley R. Davis, MD, FACS, FASCRS, Cincinnati, OH

Joanne Favuzza, DO, Chicago, IL

Abraham Fingerhut, MD, FACS, Poissy, France

Edward C. Lee, MD, FACS, Albany, NY

Deborah A. Nagle, MD, FACS, Boston, MA

Vincent J. Obias, MD, FACS, Washington DC

Matthew M. Philp, MD, FACS, Warrington, PA

David E. Rivadeneira MD, FACS, FASCRS, Woodbury, NY

Howard M. Ross, MD, FACS, Philadelphia, PA

Patricia Sylla, MD, FACS, FASCRS, New York, NY

Sponsored by the Advisory Council for Colon and Rectal Surgery

SSC15 | Palliative Surgical Care

TRACKS: GEN, GER, ONC



6 credits, Verification Level III

Wednesday, October 7; 9:30 am - 4:15 pm

Location: McCormick Place West, Lecture: W187BC

Lab: W184BC

CHAIR: Brian D. Badgwell, MD, FACS, Houston, TX

CO-CHAIR: Zara Cooper, MD, FACS, Boston, MA

Palliative surgery represents 13 percent of operations and more than 1,000 procedures per year at major centers. In addition, approximately 40 percent of surgical consultations at cancer centers fulfill the criteria for palliative care. However, there is a paucity of palliative surgical research to guide decision making for common advanced cancer diagnoses, such as malignant bowel obstruction, gastrointestinal bleeding secondary to metastatic malignancy, and malignant ascites. The lack of evidence-based guidelines for treatment of these advanced cancer clinical scenarios combined with surgeons often receiving little instruction in common palliative care concepts can lead to ambiguity in treatment selection.

This surgical skills course will use a multi-institutional, multidisciplinary panel of clinicians with experience in palliative surgical care to outline common diagnoses involving interaction between palliative medicine and surgery. The course will provide in-

struction in various approaches to palliative surgical consultation using patient simulation stations for practicing end-of-life discussions and the consent process for palliative surgery. Additionally, skills stations will offer common palliative surgical interventions.

Overview and Introduction

Brian D. Badgwell, MD, FACS, *Houston, TX*

Zara Cooper, MD, FACS, *Boston, MA*

Shared Decision Making vs. Informed Consent

Bridget N. Fahy, MD, FACS, *Albuquerque, NM*

Difficult Conversations in the Intensive Care Unit

Anne C. Mosenthal, MD, FACS, *Newark, NJ*

Do Everything

Alexandra M. Easson, MD, FACS, *Toronto, ON*

Panel Discussion: Questions & Answers

I Hate Role Play: Warm-Up to Engage in Role Play

Zara Cooper, MD, FACS, *Boston, MA*

Case Scenarios and Patient Simulations

Morning Session Wrap-Up

Palliative Care Overview

Robert S. Krouse, MD, FACS, *Tucson, AZ*

Palliative Surgical Consultation

Thomas J. Miner, MD, FACS, *Providence, RI*

Palliative Surgical Technique and Videos

Brian D. Badgwell, MD, FACS, *Houston, TX*

Panel Discussion: Questions & Answers

Move to Lab Room

Lab Station Rotations

Laparoscopic Gastrojejunostomy

Robert S. Krouse, MD, FACS, *Tucson, AZ*

Laparoscopic Percutaneous Gastrostomy and Jejunostomy Tube Placement

Brian Badgwell, MD, FACS, *Houston, TX*

Laparoscopic Hyperthermic Intraperitoneal Chemotherapy (HIPEC)

Richard E. Royal, MD, FACS, *Houston, TX*

Pleurx Catheter, Paracentesis

Thomas J. Miner, MD, FACS, *Providence, RI*

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

Meet-the-Expert Luncheons

The Meet-the-Expert Luncheons provide an informal venue for surgical experts to converse with Clinical Congress attendees. Case-based discussions are encouraged. Luncheon tickets are available for purchase with a credit card either at registration or at the luncheon area. Seating capacity is limited. Continuing medical education credit is available for these sessions.

Luncheon Fee: \$45 (includes lunch, beverage, and informal, focus-group discussion with an expert).

All luncheons will take place at the Hyatt McCormick Place Conference Center (HMPCC). See room numbers below:

Monday, October 5

1:15 - 2:15 pm

ME101 Antireflux Gadgets and Gimmicks

Location: HMPCC Adler B

TRACK: GEN

FACILITATOR: Brant K. Oelschlager, MD, FACS, *Seattle, WA*

ME102 Approaches to Nipple-Sparing Mastectomy

Location: HMPCC Jackson Park A

TRACKS: GEN, ONC

FACILITATOR: Jay K. Harness, MD, FACS, *Orange, CA*

ME103 Fixation of Rib Fractures

Location: HMPCC Jackson Park B

TRACKS: GEN, TRA

FACILITATOR: Thomas K. Varghese, Jr., MD, FACS, *Seattle, WA*

ME104 Diversifying Your Surgical Career

Location: HMPCC Field BC

TRACK: EDU

FACILITATORS:

Margaret M. Dunn, MD, FACS, *Dayton, OH*

Sherry M. Wren, MD, FACS, *Stanford, CA*

ME105 Evaluation and Management of Pancreatic Cysts

Location: HMPCC Hyde Park B

TRACK: GEN

FACILITATOR: Peter J. Allen, MD, FACS, *New York, NY*

ME106 Genitourinary Trauma

Location: HMPCC Burnham A

TRACKS: TRA, URO

FACILITATOR: Richard A. Santucci, MD, FACS, *Detroit, MI*

ME107 Integrating New Technology into Surgical Practice

Location: HMPCC Field A

TRACKS: EDU, INFO

FACILITATORS:

Marcovalerio Melis, MD, FACS, *New York, NY*

Niraj J. Gusani, MD, MS, FACS, *Hershey, PA*

ME108 Medullary Thyroid Carcinoma: What Do You Need to Know?

Location: HMPCC Burnham BC

TRACKS: GEN, ONC, OTO

FACILITATORS:

Douglas B. Evans, MD, FACS, *Milwaukee, WI*

Tracy S. Wang, MD, MPH, FACS, *Milwaukee, WI*

ME109 How to Write a Successful Patient-Centered Outcomes Research Institute (PCORI) Grant

Location: HMPCC Clark BC

TRACKS: BTR, GEN, ONC

FACILITATORS:

Caprice C. Greenberg, MD, MPH, FACS, *Madison, WI*

George J. Chang, MD, FACS, *Houston, TX*

ME110 Nonoperative Management of Appendicitis

Location: HMPCC DuSable BC

TRACK: GEN

FACILITATOR: Michael J. Stamos, MD, FACS, FASCRS, *Orange, CA*

ME111 Opioid Prescribing: Striking the Balance between Patient Care and the Law

(E) (PA)

Location: HMPCC Adler A

TRACKS: ETH, GEN, GER

FACILITATORS:

Bridget N. Fahy, MD, FACS, *Albuquerque, NM*

Joan L. Huffman, MD, FACS, *Shepherd, MT*

ME112 Optimizing Outcomes in Liver and Pancreatic Surgery

Location: HMPCC Hyde Park A

TRACKS: GEN, ONC

FACILITATORS:

Perry Shen, MD, FACS, *Winston-Salem, NC*

Flavio G. Rocha, MD, FACS, *Seattle, WA*

ME113 Pediatric Urology

Location: HMPCC Clark A

TRACKS: PED, URO

FACILITATOR: David A. Bloom, MD, FACS, *Ann Arbor, MI*

ME114 Practical Tips for Thyroidectomy

Location: HMPCC Jackson Park C

TRACK: GEN

FACILITATOR: Ashok R. Shaha, MD, FACS, *New York, NY*

ME115 Quality Improvement in Your Cancer Program

Location: HMPCC DuSable A

TRACKS: HP, ONC

FACILITATORS:

Peter S. Hopewood, MD, FACS, *Falmouth, MA*

Mary J. Milroy, MD, FACS, *Yankton, SD*

ME116 Treatment Options for Anal Fissure

Location: HMPCC Jackson Park D

TRACK: CRS

FACILITATOR: Amir L. Bastawrous, MD, FACS, *Seattle, WA*

A photograph of two surgeons in an operating room. The surgeon on the left is a woman with dark skin, wearing a blue surgical cap, red safety glasses, and a light blue surgical mask. She is looking down at a patient. The surgeon on the right is a man with light skin, wearing a blue surgical cap, glasses, and a light blue surgical mask. He is also looking down at the patient. The patient is lying on a table, covered with a blue surgical drape. The background is a blurred operating room environment.

SHARPEN YOUR SKILLS AS A **U.S. ARMY** SURGEON.

The U.S. Army health care team offers a challenging environment where you can develop your skills by working on complex, diverse cases. Your abilities will grow as you collaborate with medical leaders, utilize innovative technologies and work in high-tech facilities. There may be opportunities to participate in humanitarian missions as well. To learn how you can make a difference in the lives of Soldiers and their families visit the **Army Medical Recruiting booth #739** to speak with an Army surgeon or go to healthcare.goarmy.com/ce56



Make the most of your Clinical Congress experience

Visit the ACS Resource Center

Monday–Wednesday, 9:00 am–4:30 pm | McCormick Place West, Hall F2



While there, you can update your online member profile, order the latest educational products, and learn about the wide variety of programs, products, and services available to ACS members and meeting attendees.

Achieving Your Personal Best:
Improvement Based on Evidence
CLINICAL CONGRESS 2015

EXHIBITS INCLUDE:

- ACS Archives
- ACS Merchandise
- ACS National Surgical Quality Improvement Program (ACS NSQIP®)
- ACS Website and Communities
- Advanced Trauma Life Support Course® (ATLS®)
- Advocacy and Health Policy
- Cancer Programs
- Children's Surgery Verification Quality Improvement Program
- Division of Education
- E-Posters of Exceptional Merit
- ACS Fundamentals of Surgery Curriculum®
- *Journal of the American College of Surgeons (JACS)*
- Member Services
- Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP)
- MyCME Booth (Locations will also be spread throughout McCormick Place West)
- Operation Giving Back (OGB)
- Patient Education
- Photo and Public Profile
- *Selected Readings in General Surgery (SRGS®)*
- *ACS Surgery News*
- Surgeon Specific Registry (SSR)
- Surgical Education and Self-Assessment Program (SESAP®)
- Trauma Programs
- Webcast Sales (available at the Division of Education Booth and in the Webcast sales booth in the Central Concourse)

The following ACS exhibits will be located at the McCormick Place West, Central Concourse:

- ACS Foundation/FLS Lounge
- ACSPA-SurgeonsPAC
- Become a Member/Member Services

These exhibits will be open:

Sunday, October 4, 7:00 am–6:00 pm

Monday, October 5, 6:30 am–5:00 pm

Tuesday, October 6, 7:00 am–4:00 pm

Wednesday, October 7, 7:00 am–4:00 pm

Thursday, October 8, 7:00–10:00 am

ACS THEATRE

The following schedule outlines a series of 30-minute presentations that will be held in the ACS Theatre in the Exhibit Hall during Clinical Congress. These sessions are open to all attendees who want to learn more about select ACS programs. Join us at a session of interest. Registration is not required.

MONDAY, OCTOBER 5

1:00–1:25 pm ACS National Surgical Quality Improvement Program
Surgeon Champions from hospitals enrolled in the ACS NSQIP will present brief case studies on the benefits of enrollment in this program.

1:30–1:55 pm Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program
Surgeon Champions from hospitals enrolled in the MBSAQIP will present brief case studies on the benefits of enrollment in this program.

2:00–2:25 pm Bleeding Control (B-Con) Course
This session will preview the B-Con Course program that teaches participants fundamental life-saving medical interventions, including bleeding control.

TUESDAY, OCTOBER 6

11:15–11:40 am Surgeon Specific Registry
Use this quality program to log cases and meet regulatory requirements, including the Centers for Medicare & Medicaid Services Physician Quality Reporting System (PQRS) and American Board of Surgery Maintenance of Certification Part 4.

11:45 am–12:10 pm ACS Children's Surgery Verification and ACS NSQIP Pediatric Programs

Attend this session to learn more about the new Children's Surgery Verification Program and how ACS NSQIP Pediatric will support this program.

12:15–12:40 pm Bleeding Control (B-Con) Course

This session will preview the B-Con Course program that teaches participants fundamental life-saving medical interventions, including bleeding control.

WEDNESDAY, OCTOBER 7

11:15–11:40 am ACS Communities: Introduction and Input Session
Tyler Hughes, MD, FACS, will provide a brief introduction on using ACS Communities and offer a chance to interact with community leaders on its functions and features.



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Highest Standards, Better Outcomes

Tuesday, October 6

11:30 am - 12:30 pm

ME201 Addressing Chronic Pain following Inguinal Hernia Repair

Location: HMPCC DuSable BC

TRACK: GEN

FACILITATORS:

Peter T. Hallowell, MD, FACS, Charlottesville, VA

John B. Hanks, MD, FACS, Charlottesville, VA

(PM)

ME202 Anorectal Surgery

Location: HMPCC Jackson Park A

TRACK: CRS

FACILITATOR: Herand Abcarian, MD, FACS, Chicago, IL

ME203 Balancing an Academic Career and Personal Needs

Location: HMPCC DuSable A

TRACKS: BTR, EDU, RES/MED

FACILITATORS:

Bruce L. Gewertz, MD, FACS, Los Angeles, CA

Leigh A. Neumayer, MD, FACS, Tucson, AZ

ME204 Breast Cancer Management in 2015

Location: HMPCC Clark BC

TRACKS: GEN, ONC

FACILITATOR: Lee G. Wilke, MD, FACS, Madison, WI

ME205 Caring for Patients Who Are Jehovah's Witnesses

Location: HMPCC Adler A

TRACKS: EDU, ETH

FACILITATORS: Margaret (Gretchen) L. Schwarze, MD, FACS, Madison, WI

Karen J. Brasel, MD, FACS, Milwaukee, WI

(E) (PA) (PtS)

ME206 Complex Abdominal Trauma

Location: HMPCC Jackson Park C

TRACKS: GEN, TRA

FACILITATOR: David V. Feliciano, MD, FACS, Indianapolis, IN

(T)

ME207 Current Management of Thyroid Nodules

Location: HMPCC Adler B

TRACKS: GEN, OTO

FACILITATOR: Carmen C. Solorzano, MD, FACS, Nashville, TN

ME208 Enteral Access for Nutrition

Location: HMPCC Field A

TRACKS: GEN, PED, TRA

FACILITATOR: Todd A. Ponsky, MD, FACS, Akron, OH

(T)

ME209 Necrotizing Soft-Tissue Infections

Location: HMPCC Field BC

TRACKS: GEN, TRA

FACILITATOR: Eileen M. Bulger, MD, FACS, Seattle, WA

(T)

ME210 Increasing Diversity in the Surgical Workforce

Location: HMPCC Clark A

TRACKS: BTR, GEN, RES/MED

FACILITATORS:

Mary C. McCarthy, MD, FACS, Dayton, OH

Mallory Williams, MD, MPH, FACS, Soto Cano Airbase

ME211 Informatics for Managing Surgical Workflow

Location: HMPCC Burnham A

TRACKS: HP, INFO

FACILITATOR: T. Forcht Dagi, MD, DMedSc, MPH, MTS, FACS, FAANS, FCCM, FRCSEd, Newton Centre, MA

ME212 Laparoscopic Paraesophageal Hernia Repair: Still Indicated after All These Years?

Location: HMPCC Hyde Park B

TRACKS: CTS, GEN

FACILITATOR: James D. Luketich, MD, FACS, Pittsburgh, PA

ME213 Lymphedema after Breast Surgery

Location: HMPCC Jackson Park B

TRACKS: GEN, ONC

FACILITATOR: Lisa A. Newman, MD, MPH, FACS, Ann Arbor, MI

ME214 Neuroendocrine Tumors of the Pancreas: What Do I Need to Know?

Location: HMPCC Jackson Park D

TRACK: GEN

FACILITATOR: Geoffrey B. Thompson, MD, FACS, Rochester, MN

ME215 Optimal Esophagectomy

Location: HMPCC Burnham BC

TRACKS: CTS, EDU

FACILITATOR: Shanda H. Blackmon, MD, MPH, FACS, Rochester, MN

ME216 The Art and Science of Sacral Nerve Stimulation

Location: HMPCC Hyde Park A

TRACKS: GEN, PED, URO

FACILITATORS:

Steven Teich, MD, FACS, New Albany, OH

Seth A. Alpert, MD, FACS, Columbus, OH

Tracy L. Hull, MD, FACS, Cleveland, OH

Wednesday, October 7

11:30 am - 12:30 pm

ME301 Let's Talk about Global Health Partnerships: Meet the New American College of Surgeons Medical Director of Operation Giving Back

Location: HMPCC Jackson Park A

TRACKS: HUM, INT

FACILITATOR: Girma Tefera, MD, FACS, Madison, WI

ME302 Anorectal Abscesses and Fistulae

Location: HMPCC Jackson Park B

TRACK: CRS

FACILITATOR: Alessandro Fichera, MD, FACS, FASCRS, Seattle, WA

ME303 Centers of Excellence and Regionalized Health Care: What Does the Future Hold?

Location: HMPCC Jackson Park D

TRACKS: EDU, HP, OBG

FACILITATOR: William W. Hurd, MD, MPH, FACS, *Durham, NC*

ME304 Conflict in Practice

Location: HMPCC Hyde Park A

TRACKS: EDU, ETH, HP

FACILITATORS:

Rebecca C. Britt, MD, FACS, *Norfolk, VA*

Leonard J. Weireter, MD, FACS, *Norfolk, VA*

ME305 From Flogging to Mining Large Databases: The Use and Abuse of Database Generated Outcomes Research

Location: HMPCC Field A

TRACKS: BTR, EDU

FACILITATORS:

David A. Etzioni, MD, FACS, FASCRS, *Phoenix, AZ*

Nancy N. Baxter, MD, FACS, *Toronto, ON*

ME306 How to Become a Successful Principal Investigator

Location: HMPCC Adler B

TRACKS: BTR, EDU

FACILITATORS:

Bruce L. Hall, MD, PhD, MBA, FACS, *St. Louis, MO*

Melina R. Kibbe, MD, FACS, *Chicago, IL*

Faisal Aziz, MB, BS, FACS, *Hershey, PA*

ME307 Management of the Axilla in T1 and T2 Breast Cancer

Location: HMPCC Jackson Park C

TRACKS: GEN, ONC

FACILITATOR: Eric B. Whitacre, MD, FACS, *Tucson, AZ*

ME308 Minimally Invasive Parathyroidectomy: How I Do It

Location: HMPCC Hyde Park B

TRACKS: GEN, OTO

FACILITATOR: Robert Udelsman, MD, FACS, *New Haven, CT*

ME309 Minimally Invasive Treatment for Pancreatic Debridement

Location: HMPCC DuSable BC

TRACK: GEN

ME310 Newer Targeted Therapies for Thyroid Cancer

Location: HMPCC Burnham A

TRACKS: GEN, ONC, OTO

FACILITATOR: Douglas L. Fraker, MD, FACS, *Philadelphia, PA*

ME311 Part IV Maintenance of Certification: Urban vs. Rural

Location: HMPCC Adler A

TRACKS: EDU, RUS

FACILITATOR: J. Patrick Walker, MD, FACS, *Crockett, TX*

ME312 Post-Herniorrhaphy Problems: Recurrence and Persistent Pain

Location: HMPCC Clark BC

TRACKS: GEN, PED, RUS

FACILITATORS:

Michael J. Rosen, MD, FACS, *Solon, OH*

B. Todd Heniford, MD, FACS, *Charlotte, NC*

ME313 Robotic Renal Transplantation: Is There a Future?

Location: HMPCC DuSable A

TRACKS: ETH, GEN, URO

FACILITATORS:

Dicken S. Ko, MD, FACS, *Boston, MA*

Jose Oberholzer, MD, FACS, *Chicago, IL*

ME314 Safe and Efficient Use of Electronic Health Records in the Surgical Practice

Location: HMPCC Clark A

TRACKS: HP, INFO

FACILITATORS:

David R. Hunt, MD, FACS, *Washington, DC*

Genevieve B. Melton-Meaux, MD, PhD, FACS,

Minneapolis, MN

ME315 Social Media for the Novice, Beginner, and Expert

Location: HMPCC Burnham BC

TRACKS: HP, INFO, RES/MED

FACILITATORS:

Brian P. Jacob, MD, FACS, *New York, NY*

Lillian M. Erdahl, MD, *Iowa City, IA*

ME316 Total Mesorectal Excision: When and How

Location: HMPCC Field BC

TRACKS: CRS

FACILITATOR: Steven D. Wexner, MD, PhD(Hon), FACS,

FRCS, FRCSEd, *Weston, FL*

Panel Sessions

Monday, October 5

PS100 | 9:45 - 11:15 am

Frailty Indices as Indicators of Risk in Surgery for the Geriatric Patient

Location: W375A

TRACK: ETH, GEN, GER

MODERATOR: Michael E. Zenilman, MD, FACS, *Bethesda, MD*

CO-MODERATOR: Emily V. A. Finlayson, MD, FACS, *San Francisco, CA*

Recent landmark articles have identified frailty as a powerful indicator of risk in surgery. Panelists will present the new science on the identification of these at-risk elderly patients, using markers such as geriatric syndromes, morphometric age and objective tests such as serum albumin and mobility (for example, timed-up and go test). New interventions to enhance functional outcomes, specifically the application of multidisciplinary team management in trauma will be discussed. Finally, novel ideas such as prehabilitation—rehabilitation before surgery—will be presented by leaders in the field. These topics are perfect for a focused joint session and will promote discussion not only of new concepts, but also a view into the future of care for our aging population.

Introduction

Michael E. Zenilman, MD, FACS, *Bethesda, MD*

Frailty Interventions: Road Mapping the Evidence and Opportunities

Jason M. Johanning, MD, FACS, *Omaha, NE*

Using Preoperative Imaging to Assess Patient Risk

Michael J. Englesbe, MD, *Ann Arbor, MI*

Frailty Indicators

Thomas N. Robinson, MD, FACS, *Aurora, CO*

Sponsored by the Task Force on Geriatric Surgery and the Scientific Forum Committee

PS101 | 9:45 - 11:15 am

Metabolic Surgery: Understanding a Surgical Solution to an Epidemic

Location: W179

TRACKS: BTR, GEN

MODERATOR: Ali Tavakkoli, MB, FACS, FRCS, *Boston, MA*

CO-MODERATOR: Stacy A. Brethauer, MD, FACS, *Cleveland, OH*

Significant progress has been made in the field of metabolic surgery with randomized studies indicating a definitive role for bariatric operations in the treatment of diabetes. The underlying mechanisms of these benefits, however, remains poorly understood and the durability questioned. The uptake of surgery amongst those who qualify also remains low. Panelists will: (1) review short- and long-term data sup-

porting the role of surgery for diabetes; (2) discuss the basic mechanisms underlying these benefits; (3) using mechanistic understanding to identify the right procedure for the right patient; and (4) review novel procedures and “metabolic” devices that are being introduced to the market.

Introduction

Ali Tavakkoli, MB, FACS, FRCS, *Boston, MA*

Short- and Long-Term Data Supporting the Role of Surgery for Diabetes

Sayed Ikramuddin, MD, FACS, *Minneapolis, MN*

Mechanisms Underlying Metabolic Benefits of Weight Loss Surgery

Ali Tavakkoli, MB, FACS, FRCS, *Boston, MA*

The Evolving Field of Metabolic Devices

Aurora D. Pryor, MD, FACS, *Stony Brook, NY*

Patient Selection and Acceptance of Metabolic Surgery

Francesco Rubino, MD, *New York, NY*

Case Discussions

Ali Tavakkoli, MB, FACS, FRCS, *Boston, MA*

Case Discussions

Stacy A. Brethauer, MD, FACS, *Cleveland, OH*

Sponsored by the Scientific Forum Committee

PS102 | 9:45 - 11:15 am

Entrustable Professional Activities and Milestones: New Strategies for Surgical Teaching in the Operating Room

Location: W194

TRACKS: EDU, RES/MED

MODERATOR: Celeste M. Hollands, MD, FACS, *Spanish Fort, AL*

CO-MODERATOR: Charles J. Prestigiacomo, MD, FACS, *Newark, NJ*

Competency-based medical education (CBME) is the framework for evaluating medical student and resident mastery of knowledge and skills. CBME occurs in multiple microsystems creating fractured learning environments. This situation challenges our ability to provide assessment of learner outcomes, such as mastery of technical skills. The skills lab may provide the ideal learner-centered environment whereas the operating room may not due to changing surgeon responsibilities, patient safety initiatives and pressure on the surgical team to be efficient. Entrustable professional activities (EPAs) outline specific milestones in learner progress toward achieving competence and are well suited to fractured learning environments. This panel will explore the challenges of assessing skills of medical students and residents in the operating room and how to incorporate EPA's and milestones into the process.

Introduction

Celeste M. Hollands, MD, FACS, *Spanish Fort, AL*

Are Entrustable Professional Activities the Answer to Teaching Medical Students Technical Skills in the Operating Room?

Celeste M. Hollands, MD, FACS, *Spanish Fort, AL*

Using the Milestone Project to Help Residents Achieve Mastery of Technical Skills

Mary E. Klingensmith, MD, FACS, *St. Louis, MO*

The Neurosurgical Experience

Charles J. Prestigiacomo, MD, FACS, *Newark, NJ*

Program Director's Point of View

John D. Mellinger, MD, FACS, *Springfield, IL*

Clerkship Director's Point of View

Jeremy M. Lipman, MD, FACS, FASCRS, *Cleveland, OH*

Sponsored by the Committee on Medical Student Education and Advisory Councils for the Surgical Specialties

PS103 | 9:45 - 11:15 am

Novel Treatments for Gastroesophageal Reflux Disease

Location: W196BC

TRACKS: CTS, GEN, RUS

MODERATOR: Robert E. Glasgow, MD, FACS, *Salt Lake City, UT*

CO-MODERATOR: Andrew S. Kastenmeier, MD, FACS, *Milwaukee, WI*

What is the current status of the various treatments for reflux? What works, when, and for which patients? What is reimbursed and what is still experimental? The panel will discuss the current status of these novel technologies, their indications, efficacy, pitfalls, and integration into the surgical armamentarium of treatment for gastroesophageal reflux disease.

Introduction

Robert E. Glasgow, MD, FACS, *Salt Lake City, UT*

Introduction/Novel Medical Treatment of Gastroesophageal Reflux Disease

Robert E. Glasgow, MD, FACS, *Salt Lake City, UT*

Novel Work-Up and Patient Selection of Gastroesophageal Reflux Disease Therapies

Ellen Hunt Morrow, MD, *Salt Lake City, UT*

Novel Approaches to Surgical Treatment by Fundoplication

Andrew Sean Kastenmeier, MD, FACS, *Milwaukee, WI*

Novel Alternative Surgical Treatments of Gastroesophageal Reflux Disease

Jon C. Gould, MD, FACS, *Milwaukee, WI*

Novel Gastroesophageal Reflux Disease Therapies: Endoscopes, Electrical Stimulators, and Related Technology

Dan McKenna, MD, FACS, *Green Bay, WI*

Cases and Questions—Panel

Robert E. Glasgow, MD, FACS, *Salt Lake City, UT*

Sponsored by the Advisory Council for Cardiothoracic Surgery and Advisory Council for General Surgery

PS104 | 9:45 - 11:15 am

Lower Gastrointestinal Bleeding: Diagnostic Workup and Evidence-Based Interventions

Location: W375DE

TRACKS: CRS, GEN, TRA



MODERATOR: Jeffrey L. Cohen, MD, FACS, FASCRS, CPE, *Wethersfield, CT*

CO-MODERATOR: David E. Rivadeneira, MD, FACS, FASCRS, MBA, *Woodbury, NY*

Lower gastrointestinal bleeding is a common problem for general surgeons and colorectal surgeons to confront. The emerging role of diagnostic studies and nonoperative interventions needs to be placed in a safe and cost-effective context.

Introduction

Jeffrey L. Cohen, MD, FACS, FASCRS, CPE, *Wethersfield, CT*

Diagnostic Modalities: Has Our Toolbox Expanded?

Daniel L. Feingold, MD, FACS, *New York, NY*

Nonoperative Treatment of Lower Gastrointestinal Bleeding: Is It Safe?

Tamar Lipof, MD, FACS, *Beverly, MA*

Does Surgery Still Play a Role: When and What Procedure?

Howard M. Ross, MD, FACS, FASCRS, *Philadelphia, PA*

Intermittent and Recurrent Bleeding: Have We Solved These Challenges?

Juan J. Nogueras, MD, FACS, *Parkland, FL*

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS105 | 9:45 - 11:15 am

Lumps and Bumps: Current Management of Soft-Tissue Sarcomas

Location: W375C

TRACKS: GEN, ORT, ONC

MODERATOR: Samuel Singer, MD, FACS, *New York, NY*

CO-MODERATOR: Herbert S. Schwartz, MD, FACS, *Nashville, TN*

Soft-tissue sarcomas often present as innocuous masses referred to the general surgeon for excision. The initial management of these lesions can have a major impact on subsequent treatment. The panel will review the current management of soft-tissue sarcomas with an emphasis on the initial work-up and treatment planning and limb-sparing techniques.

Introduction

Samuel Singer, MD, FACS, *New York, NY*

Current Management of Retroperitoneal and Abdominal Sarcoma

Carol J. Swallow, MD, FACS, *Toronto, ON*

Management of Extremity and Truncal Sarcoma

Robert J. Canter, MD, FACS, *Sacramento, CA*

Sponsored by the Program Committee

PS106 | 11:30 am - 1:00 pm

Penetrating Abdominal Trauma: Lessons from Military and Civilian Settings

Location: W375DE

TRACK: TRA



MODERATOR: Jay A. Johannigman, MD, FACS, *Cincinnati, OH*

CO-MODERATOR: Joseph M. Galante, MD, FACS, *Sacramento, CA*

Care of the patient with penetrating abdominal trauma has changed over the last 20 years. Civilian advances have been used in military settings, and more recently, military advancements have translated into improved civilian outcomes. This session will review state-of-the-art management of the patient with penetrating abdominal trauma from the prehospital setting through the trauma bay evaluation and, when indicated, operating room management.

Introduction

Jay A. Johannigman, MD, FACS, *Cincinnati, OH*

What Translates from Military to Civilian Care?

Carlos Jose Rodriguez, DO, FACS, *Wheaton, MD*

To V or Not to V (IV, That Is)?

Martin A. Schreiber, MD, FACS, *Portland, OR*

Tricks of the Trade: Ways My Civilian Practice Changes after Deployment

W. Darrin Clouse, MD, FACS, *Travis Air Force Base, CA*

What Do I Really Need to Know before I Go (to the OR)?

Rachel Ann Hight, MD, FACS, *Davis, CA*

Your Place or Mine: Successful Damage Control at a Small Center before Transfer

James R. Dunne, MD, FACS, *Derwood, MD*

Sponsored by the Committee on Trauma

PS107 | 11:30 am - 1:00 pm

Controversies in Breast Screening: What Is a Surgeon to Do?

Location: W179

TRACK: GEN

MODERATOR: Nora M. Hansen, MD, FACS, *Chicago, IL*

The U.S. Preventative Task Force (USPTF) has made recommendations with regard to mammographic screening that go against the guidelines of American Cancer Society and American College of Radiology, making it difficult for the practicing physician to make an appropriate recommendation for breast imaging. Current studies would also support the perception that early-stage breast cancer and ductal carcinoma in situ is being over-diagnosed and treated. This panel will review the current literature and recommendations regarding screening, diagnostic and follow-up mammogram, ultrasound and breast magnetic resonance imaging for women based on their age, personal risk factors and family history. It will also address recent state legislation regarding notifying women of their breast density.

Introduction

Nora M. Hansen, MD, FACS, *Chicago, IL*

Breast Screening: When to Start and When to Stop

Sara H. Javid, MD, FACS, *Seattle, WA*

How Do You Screen the Breast Cancer Survivor?

Richard J. Bleicher, MD, FACS, *Philadelphia, PA*

Dense Breasts: Is Whole-Breast Ultrasound and Tomosynthesis Here to Stay?

Sally Friedewald, MD, *Chicago, IL*

How to Incorporate Breast Magnetic Resonance Imaging into Practice

Monica Morrow, MD, FACS, *New York, NY*

Kevin S. Hughes, MD, FACS, *Boston, MA*

Sponsored by the Advisory Council for General Surgery

PS108 | 11:30 am - 1:00 pm

Contemporary Management of Complicated Diverticulitis: Concepts and Controversies

Location: W375C

TRACKS: CRS, GEN, TRA

MODERATOR: Janice F. Rafferty, MD, FACS, FASCRS, *Cincinnati, OH*

CO-MODERATOR: Jason F. Hall, MD, MPH, FACS, *Burlington, MA*

Many of the historic concepts and tenets of management of complicated diverticulitis have been seriously questioned in recent years, resulting in substantial changes in the indications and approach to surgery.

Introduction

Janice F. Rafferty, MD, FACS, FASCRS, *Cincinnati, OH*

Prevention of Recurrent Diverticulitis: What's the Evidence?

Lisa L. Strate, MD, MPH, *Seattle, WA*

Management of Diverticular Abscess: Is Surgery Necessary?

Daniel L. Feingold, MD, FACS, *New York, NY*

Distinguishing Diverticular Colitis from Diverticulitis: Does Surgery Have a Role?

Joseph C. Carmichael, MD, FACS, FASCRS, *Orange, CA*

Laparoscopic Lavage: Does It Still Have a Role in the Era of Cross-Sectional Imaging?

Bradley R. Davis, MD, FACS, FASCRS, *Cincinnati, OH*

Management of Hinchey Class IV Diverticulitis: Is Hartmann Procedure Always Necessary?

Karim Alavi, MD, MPH, FACS, FASCRS, *Worcester, MA*

Influence of Immune Status on the Decision to Operate on a Patient with Diverticulitis

Sharon L. Stein, MD, FACS, FASCRS, *Cleveland, OH*

Panel Discussion and Cases

Janice F. Rafferty, MD, FACS, FASCRS, *Cincinnati, OH*

Sponsored by the Advisory Council for Colon and the Rectal Surgery and Advisory Council for General Surgery

PS109 | 11:30 am - 1:00 pm

Fatigue and the Surgeon—Monitoring, Regulation, and Professionalism

Location: HMPCC Grant Park CD

TRACKS: EDU, GEN, RUS

MODERATOR: Mark A. Malangoni, MD, FACS, *Philadelphia, PA*

CO-MODERATOR: Edie Y. Chan, MD, FACS, *Chicago, IL*

Fatigue and its effect on a surgeon's performance has become an issue of contention. It is an issue of patient safety, medical liability and part of the culture of surgeon professionalism and safety. This panel will discuss current issues of monitoring surgeon fatigue, development of fatigue monitoring systems and the relationship to the exigencies of modern general surgical practice. Is there a way the medical system can accommodate the need for surgical coverage for critical access hospitals with scarce resources?

Introduction

Mark A. Malangoni, MD, FACS, *Philadelphia, PA*

When Does 'I'm Just Tired' Become Fatigue?

Krista L. Kaups, MD, FACS, *Fresno, CA*

Fatigue: Predisposing Factors, Prevention, and Mitigation

Phyllis Zee, MD, PhD, *Chicago, IL*

How Do You Keep Fatigue from Becoming Burnout?

Michael R. Oreskovich, MD, FACS, *Seattle, WA*

Rehabilitating the Fatigued Surgeon and Keeping the System Working

Stanley W. Ashley, MD, FACS, *Boston, MA*

Sponsored by the Young Fellows Association and the Advisory Council for General Surgery

PS110 | 11:30 am - 1:00 pm

Enhanced Recovery Protocols for Gastrointestinal Surgery: The Surgical Multimodal Accelerated Recovery Trajectory (SMART) Approach

Location: W375B

TRACKS: GEN, RUS

MODERATOR: Liane S. Feldman, MD, FACS, FRCS, *Montreal, QC*

CO-MODERATOR: Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*

Minimally invasive surgery techniques have revolutionized the surgical care of patients undergoing GI surgery. The Surgical Multimodal Accelerated Recovery Trajectory (SMART) program brings the best evidence to a multidisciplinary team that manages the patient in the preoperative, intra-operative, and postoperative phases. The goal is to accelerate and improve recovery after surgery and to maximize the benefits of surgical advances in operative technique.

Introduction

Liane S. Feldman, MD, FACS, FRCS, *Montreal, QC*

Introduction to Surgical Multimodal Accelerated Trajectory Enhanced Recovery

Liane S. Feldman, MD, FACS, FRCS, *Montreal, QC*

Enhanced Recovery: It's a Team Sport

Julie K. Marosky Thacker, MD, FACS, FASCRS, *Durham, NC*

The 23-Hour Colectomy: Making It Happen

Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*

Enhanced Recovery for Major Cancer Surgery

Thomas A. Aloia, MD, FACS, *Houston, TX*

Enhanced Recovery in ACS NSQIP® (ERIN)

Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS, *Chicago, IL*

Implementation: Lessons Learned

Anthony J. Senagore, MD, MBA, FACS, *Parma, OH*

Sponsored by the Advisory Council for General Surgery

PS111 | 11:30 am - 1:00 pm

Controversies in the Management of Localized Prostate Cancer

Location: HMPCC Grant Park AB

TRACK: URO

MODERATOR: Rodney Davis, MD, FACS, *Little Rock, AR*

CO-MODERATOR: Daniel A. Barocas, MD, MPH, *Nashville, TN*

The landscape of localized prostate cancer has been made more uncertain by the recent U.S. Preventive Services Task Force recommendation against screening with prostate specific antigen. In the face of advances in surgical and radiation techniques and the increasing acceptance of active surveillance, the practicing urologist and patient both face difficult treatment choices with conflicting evidence. This panel will present the spectrum of choices based on the most up-to-date evidence.

Introduction

Rodney Davis, MD, FACS, *Little Rock, AR*

Sponsored by the Advisory Council for Urology

PS112 | 11:30 am - 1:00 pm

Thyroid Nodules: What Am I Supposed to Do?

Location: W375A

TRACKS: GEN, OTO

MODERATOR: Sareh Parangi, MD, FACS, *Boston, MA*

Thyroid nodules are a common clinical problem. Palpable nodules are prevalent in approximately 5 percent of women, and high-resolution ultrasound can detect thyroid nodules in up to two-thirds of patients. Incidental nodules found on imaging studies for other reasons are being increasingly detected and the use of molecular diagnostic studies on fine-needle aspiration specimens may influence decision making (whether to operate and the extent of operation). Surgeons should be familiar with: (1) the evaluation of newly discovered thyroid nodules, including functional status, ultrasound features that are concerning for carcinoma, role of radionuclide thyroid scan and interpretation of fine-needle aspiration results; (2) role of molecular testing in the evaluation and management of indeterminate thyroid nodules; (3) indications for surgery; and (4) long-term follow-up of thyroid nodules that are observed.

Introduction

Sareh Parangi, MD, FACS, *Boston, MA*

Thyroid Nodules: An Ever-Growing Problem

Sareh Parangi, MD, FACS, *Boston, MA*

Evaluating Thyroid Nodules: How Do I Decide Which Ones to Biopsy?

Cord Sturgeon, MD, FACS, *Chicago, IL*

Interpretation of Thyroid Cytology: What Can the Cytology Alone Tell Me?

Geeta Lal, MD, FACS, *Iowa City, IA*

Molecular Testing of Thyroid Nodules: I Am Confused, Do I Choose Afirma or Mutational Testing?

Linwah Yip, MD, FACS, *Pittsburgh, PA*

Practical Rules for Follow-Up of Thyroid Nodules: What Is My Role as a Surgeon?

Jennifer Kuo, MD, *New York, NY*

Five Illustrative Cases of Thyroid Nodules—Important Things to Remember

Kresimira M. Milas, MD, FACS, *Phoenix, AZ*

Sponsored by the Advisory Council for General Surgery and Advisory Council for Otolaryngology–Head & Neck Surgery

PS113 | 11:30 am - 1:00 pm

Controversies in the Management of Gastroesophageal Reflux in Children

Location: W181

TRACKS: GEN, PED

MODERATOR: Douglas C. Barnhart, MD, FACS, MSPH, *Salt Lake City, UT*

CO-MODERATOR: Saleem Islam, MB, BS, MPH, FACS, *Gainesville, FL*

This session will focus on the major controversies surrounding the treatment of gastroesophageal reflux in children. The topics of open versus laparoscopic procedures in infants, role for redoing funduplications for recurrent reflux, and the advances in diagnosis and medical management will be highlighted this session.

Introduction

Douglas C. Barnhart, MD, MSPH, FACS, *Salt Lake City, UT*

Introduction to Session on Pediatric Gastroesophageal Reflux Management

Saleem Islam, MB, BS, MPH, FACS, *Gainesville, FL*

Indications and Procedures for Surgical Therapy of Gastroesophageal Reflux in Children

Adam B. Goldin, MD, FACS, *Seattle, WA*

Recurrent Gastroesophageal Reflux after a Funduplication

Shawn D. St. Peter, MD, FACS, *Kansas City, MO*

Alternative Means of Treating Gastroesophageal Reflux in Children

Marcus D. Jarboe, MD, FACS, *Ann Arbor, MI*

Sponsored by the Advisory Council for Pediatric Surgery

PS130 | 1:15 - 2:15 pm

The Lancet Commission on Global Surgery: Evidence and Solutions for Achieving Health, Welfare, and Economic Development

Location: W176

TRACKS: HUM, INT

MODERATOR: John G. Meara, MD, FACS, *Boston, MA*

CO-MODERATOR: Charles Mock, MD, FACS, *Seattle, WA*

Surgical care is a critical component of a comprehensive health care system for all countries at all levels of development. However, billions of people lack access to basic surgical services, resulting in substantial loss of life, welfare, and economic output. To address the crucial need for improved delivery of surgical care around the world, *The Lancet* Commission on Global Surgery was launched in January 2014 during a major transition period for global health. The Commission's initial finding and recommendations were published in April 2015. These findings and recommendations will be examined during this panel session in an effort to generate discussion regarding how U.S. surgeons, surgical trainees, and the American College of Surgeons can work with The Commission to help realize universal access to safe, affordable surgical and anesthesia care.

Panelists:

Paul Farmer, MD, PhD, *Boston, MA*

Sarah Greenberg, MD, FACS, *Milwaukee, WI*

Steve Bickler, MD, FACS, *San Diego, CA*

Girma Tefora, MD, FACS, *Madison, WI*

Abdullah Fizan, MD, FACS, *Chicago, IL*

Nakul Rakar, MD, FACS, *Boston, MA*

Sponsored by the International Relations Committee and the Program Committee

PS114 | 2:30 - 4:00 pm

Top Gear—Innovations for Daily Use in the Life of a Surgeon

Location: W178

TRACK: INFO

MODERATOR: Heather L. Evans, MD, MS, FACS, *Seattle, WA*

CO-MODERATOR: George Chun-Hei Wu, MD, *Seattle, WA*

Disruptive innovations have led to the advancement of minimally invasive surgery and technological advancement in the operating room. Simultaneously, a revolution of gadgetry and software is surrounding us. This session is designed to introduce the surgeon to the technology revolution, showcase wearable technology, and discuss relevant mobile applications for the smartphone/handheld device. Media experts will discuss efficient storage and archiving of video and images and will outline opportunities for networking platforms for case discussions and social interactions. The session will end with discussion of real-time data monitoring and solutions including those provided by the American College of Surgeons.

Introduction

Heather L. Evans, MD, MS, FACS, *Seattle, WA*

First-Person Video Streaming and 3-D Augmented Reality: Enhancing Surgical Training

Paul Szotek, MD, *Indianapolis, IN*

Using Accelerometers for Surgical Patient Activity Monitoring

Niraj J. Gusani, MD, FACS, *Hershey, PA*

Using Google Glass and Other Devices for Remote Burn Wound Evaluation

Tam N. Pham, MD, FACS, *Seattle, WA*

Mobile Technology, Continuous Resident Assessment, and Technical Performance Metrics: The Future of Surgical Education?

Brian George, MD

The Data Tsunami and the Future It Brings

George C. Wu, MD, *Bellevue, WA*

Sponsored by the Health Information Technology Committee and the Committee on Resident Education

PS115 | 2:30 - 4:00 pm

Functional Ergonomics for Surgeons: Protect Your Neck and Your Career

Location: W375A

TRACKS: EDU, HP, VAS

MODERATOR: Daniel D. Klaristenfeld, MD, FACS, FASCRS, *San Diego, CA*

CO-MODERATOR: Steven L. Chen, MD, MBA, FACS, *San Diego, CA*

It's a well-known fact among practicing surgeons, performing operations makes heavy demands on one's body. Neck pain, back pain, muscle fatigue, and carpal tunnel syndrome are among the most frequent complaints and the cause of many of the disabilities that can shorten a surgical career. Functional ergonomics, defined as the scientific study of people at work, has the promise to improve these outcomes when properly interpreted and incorporated into our daily practice. This session will provide an in-depth exploration of the work done on functional ergonomics in surgery and how to build these practices into a medical environment.

Introduction

Daniel D. Klaristenfeld, MD, FACS, FASCRS, *San Diego, CA*

Introduction to the Discussion of Ergonomics in Surgery

Daniel D. Klaristenfeld, MD, FACS, FASCRS, *San Diego, CA*

The Evaluation of Surgical Ergonomics

Jasmine Tan Kim, MD, *San Diego, CA*

Ergonomics in Robotic Surgery

Myriam J. Curet, MD, FACS, *Los Altos Hills, CA*

It Can Happen to You

Sherry M. Wren, MD, FACS, *Stanford, CA*

Occupational Medicine Perspective

Allison L. Jones, MD, FACOEM, *Danville, IL*

Sponsored by the Young Fellows Association and the Women in Surgery Committee

PS116 | 2:30 - 4:00 pm

Initiates' Program: The Surgical Career—The Joys, the Struggles, and the Rewards

Location: W175

TRACKS: EDU, RES/MED

MODERATOR: Joseph Scharpf, MD, FACS, *Chagrin Falls, OH*

CO-MODERATOR: Maya Babu, MD, MBA, *Rochester, MN*

Surgical careers today are very diverse—there is something for everyone. Nonetheless, we express striking similarities in what makes us surgeons, what makes us proud, what gives us joy, and the challenges, personal or professional, we face. This panel will review the current landscape of who we are, what we share, methods to cope and assist each other in focusing on challenges, and the rewards we share as surgeons.

Introduction

Joseph Scharpf, MD, FACS, *Chagrin Falls, OH*

Education and Training Challenges for a Surgical Career

Maya Babu, MD, MBA, *Rochester, MN*

My Journey to the Chest

Sudish C. Murthy, MD, PhD, FACS, *Cleveland, OH*

Embracing Quality in a Surgical Career

Brian Nussenbaum, MD, FACS, *St. Louis, MO*

Sponsored by the Resident and Associate Society and Young Fellows Association

PS117 | 2:30 - 4:00 pm

Geriatric Trauma: Low-Energy, High-Morbidity, and Mortality Injuries

Location: W179

TRACKS: GER, RUS, TRA

MODERATOR: Peter M. Rhee, MD, MPH, FACS, FCCM, *Tucson, AZ*

CO-MODERATOR: Areti Tillou, MD, FACS, *Los Angeles, CA*

Mortality in geriatric trauma patients is almost six times higher than that for younger patients with comparable injury severity. The number of geriatric trauma patients is also rapidly increasing and represents one of the fastest growing demographics of injured patients. Older patients have less physiologic reserve with deceiving hemodynamic presentation and suffer higher incidence of complications with lower salvage rates. As a result, prolonged intensive care unit and hospital stays are common. Seemingly minor injuries, such as soft-tissue hematomas or single rib fractures, can escalate to terminal events. These observations make it imperative to identify potential areas of improvement in medical and surgical care in order to improve clinical outcomes.

Introduction

Peter M. Rhee, MD, MPH, FACS, FCCM, *Tucson, AZ*

Geriatric Trauma: Low-Energy, High-Morbidity, and Mortality Injuries

Peter M. Rhee, MD, MPH, FACS, FCCM, *Tucson, AZ*

Geriatric Trauma: Impact and Long-Term Functional Outcomes

Areti Tillou, MD, FACS, *Los Angeles, CA*

Frail Patients and the Frailty Score: What Is the Frailty Score and Why Do I Need It?

Bellal Joseph, MD, FACS, *Tucson, AZ*

Intensive Care Unit Care of the Geriatric Trauma Patient

Rosemary A. Kozar, MD, PhD, FACS, *Baltimore, MD*

The Future: Regionalized Care and Geriatric Trauma Centers

H. Gill Cryer, MD, FACS, *Los Angeles, CA*

G-60: Putting Together a Real-Functional Geriatric Service

Alicia Jeannine Mangram, MD, FACS, *Phoenix, AZ*

Sponsored by the Committee on Trauma

PS118 | 2:30 - 4:00 pm

Head and Neck Cutaneous Malignancies

Location: W176

TRACK: OTO

MODERATOR: Dennis H. Kraus, MD, FACS, *New York, NY*

Cutaneous malignancies of the head and neck are demonstrating increasing prevalence in North America despite the use of sun protection. This panel will discuss the full differential diagnosis of cutaneous lesions and evaluation strategies to determine timing of surveillance, biopsy, and intervention. Expert panelists will provide current evidence regarding the use of excision, shaves, and Moh's surgery. Panelists will also provide strategies for melanoma and controversies regarding the role of sentinel node biopsy.

Introduction

Dennis H. Kraus, MD, FACS, *New York, NY*

Management of Adnexa Carcinoma and Merkel Cell in Head and Neck

Dennis H. Kraus, MD, FACS, *New York, NY*

Management of Advances in Squamous and Basal Cell Carcinoma in Head and Neck

Russell B. Smith, MD, FACS, *Omaha, NE*

Management of Acutaneous Melanoma: Head and Neck Role of Lymphoscintigraphy

Theodoros N. Teknos, MD, FACS, *Columbus, OH*

Sponsored by the Advisory Council for Otolaryngology-Head & Neck Surgery

PS119 | 2:30 - 4:00 pm

Controversies and Current Management of Acute Large Bowel Obstructions

Location: W375DE

TRACKS: CRS, GEN, RUS

MODERATOR: David A. Margolin, MD, FACS, *New Orleans, LA*

CO-MODERATOR: W. Brian Sweeney, MD, FACS, *Worcester, MA*

Acute large bowel obstructions can be caused by benign and malignant processes and are routinely managed by emergent surgery often with fecal diversion. Endoscopic stenting techniques can aid in surgical management and convert a difficult two-stage operation into a single-stage event, but when is it appropriate? This panel will discuss the present and future possibilities of endoscopic stenting for large bowel obstruction, the limitations, the potential, and the pitfalls.

Introduction

David A. Margolin, MD, FACS, *New Orleans, LA*

The Diagnosis of Large Bowel Obstruction and the Role of Imaging

Beth Rachelle Jaklic, MD, FACS, *Chesapeake, VA*

The Nonoperative Management of Large Bowel Obstruction (LBO): "The Sun Can Set on a LBO"

Harry Lewis Reynolds, MD, FACS, *Cleveland, OH*

Surgical Management of Large Bowel Obstruction

Brian R. Kann, MD, FACS, *Philadelphia, PA*

Sponsored by the Advisory Council for Colon and Rectal Surgery and the Advisory Council for General Surgery

PS120 | 2:30 - 4:00 pm

Acute Cholecystitis and the Common Duct Stone: Oh, the Pain!

Location: W375C

TRACKS: GEN, RUS, TRA

MODERATOR: David L. Berger, MD, FACS, *Boston, MA*

This panel will explore the pitfalls and complications that can occur when taking care of the patient with common duct stones and acute cholecystitis. There are many diagnostic and treatment options for the surgeon to consider when dealing with these patients. This panel will explore them and make cost-effective, data-driven suggestions for management.

Introduction

David L. Berger, MD, FACS, *Boston, MA*

The Role of the Endoscopist: Endoscopic Ultrasound vs. Magnetic Resonance vs. Endoscopic Retrograde Cholangiopancreatography

Irving Waxman, MD, *Chicago, IL*

Laparoscopic Cholecystectomy and Common Bile Duct Exploration

Patrick G. Jackson, MD, FACS, *Washington, DC*

Common Duct Stones and the Gastric Bypass Patient

Janey S. A. Pratt, MD, FACS, *Boston, MA*

Sponsored by the Advisory Council for General Surgery

PS121 | 2:30 - 5:45 pm

Latin America Day

Location: HMPCC Grant Park CD

TRACKS: GEN, INT

MODERATOR: Natan Zundel, MD, FACS, FASMBS, *North Miami Beach, FL*

CO-MODERATOR: Samuel Shuchleib, MD, FACS, *Mexico City, Mexico*

This session will focus on esophageal surgery for benign conditions. An update on these diseases will be provided with special attention to surgical management (endoscopic, minimal access, and open procedures). The second part of the session will be on emergency surgery, including the most common issues that the general surgeon encounters in their day-to-day practice.

Introduction

Natan Zundel, MD, FACS, FASMBS, *North Miami Beach, FL*

Esophagectomy for Mega-esophagus: Indications for Surgery, Techniques, and Results

Natan Zundel, MD, FACS, FASMBS, *North Miami Beach, FL*

State-of-the-Art Surgery for Gastroesophageal Reflux Disease and Future Perspectives

Italo F. Braghetto, *Santiago, Chile*

Giant Paraesophageal Hernia: Mesh Repairs and Result

Luis Poggi, MD, FACS, *Lima, Peru*

Endoluminal Management of Complications during Surgery for Achalasia and Gastroesophageal Reflux Disease

Homero Rivas, MD, FACS, *Stanford, CA*

Acute Complicated Appendicitis

Armando Enrique Castro, MD, FACS, *Great Neck, NY*

Perforated Peptic Ulcer

Samuel Shuchleib, MD, FACS, *Mexico City, Mexico*

Small Bowel Obstruction

Elias Chousleb, MD, *Weston, FL*

Perforated Colon Diverticulitis

Rafael Garcia, MD, *Bogota, Columbia*

POEM Current Results and Future Perspectives

Homero Rivas, MD, FACS

Heller Myotomy—Which Type of Fundoplication?

Ruben Astudillo Molina, MD, FACS, *Cuenca, Ecuador*

Sponsored by the Program Committee and Federacion Latinoamericana de Cirugia

PS122 | 4:15 - 5:45 pm

Holes in Places They Shouldn't Be: Approaches to the Acute Abdomen

Location: W375B

TRACKS: GEN, RUS, TRA

MODERATOR: Amy J. Goldberg, MD, FACS, *Philadelphia, PA*

CO-MODERATOR: Rebecca C. Britt, MD, FACS, *Norfolk, VA*

Perforations of the gastrointestinal tract often lead to severe peritonitis and a very sick patient. These can include appendicitis, diverticulitis, anastomotic leaks and small and large bowel disasters. Four panelists will use case presentations of both typical and difficult cases to discuss interventional approaches, ranging from antibiotics and bowel rest to laparoscopic interventions to laparotomy with an open abdomen and multiple operative take backs. Evidence-based decision-making will be the focus of the discussion of these cases.

Introduction

Amy J. Goldberg, MD, FACS, *Philadelphia, PA*

Case Presentation

Robert Todd, *El Paso, TX*

Case Presentation

Jose J. Diaz, MD, FACS, FCCM, *Baltimore, MD*

Case Presentation

Denise M. Torres, MD, FACS, *Danville, PA*

Case Presentation

Mark J. Seamon, *Philadelphia, PA*

Sponsored by the Advisory Council for General Surgery

PS123 | 4:15 - 5:45 pm

Dealing with Complications of Pelvic Surgery

Location: W375C

TRACKS: CRS, OBG, URO

MODERATOR: Tonia M. Young-Fadok, MD, MS, FACS, *Scottsdale, AZ*

CO-MODERATOR: Eric M. Haas, MD, FACS, FASCRS, *Houston, TX*

Gynecologists, urologists, general surgeons, and colorectal surgeons all operate in the pelvis, often together. This session will address issues such as presacral bleeding, rectal perforation, and ureteral injuries.

Introduction

Tonia M. Young-Fadok, MD, MS, FACS, *Scottsdale, AZ*

Anatomic Landmarks in Laparoscopic Rectal Resection

Conor P. Delaney, MCh, PhD, FACS, FASCRS, *Cleveland, OH*

Deciding Re-sphincter Sparing Surgery vs. Abdominoperineal Resection

John H. Marks, MD, FACS, FASCRS, *Wynnewood, PA*

That Ovary Looks Funny—Benign and Malignant Gynecologic Issues

Rosanne Marie Chiong Kho, MD, FACS, *Paradise Valley, AZ*

Unexpected Gynecologic Malignancy

Paul M. Magtibay, MD, FACS, *Phoenix, AZ*

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS124 | 4:15 - 5:45 pm

Personal Challenges in a Professional Career

Location: HMPCC Prairie B

TRACK: EDU

MODERATOR: Annesley W. Copeland, MD, FACS, *Bethesda, MD*

CO-MODERATOR: Heena P. Santry, MD, FACS, *Worcester, MA*

Over the course of a career, many surgeons will encounter unexpected personal challenges that can disrupt the efficiency of their clinical practice and rob them of professional satisfaction. The purpose of this session is to address such common yet diverse challenges as aging parents, military deployment, bankruptcy, and divorce. The discussion will focus on practical and constructive strategies to successfully adapt in the face of such personal turmoil.

Introduction

Annesley W. Copeland, MD, FACS, *Bethesda, MD*

Resiliency in Your Surgical Career

Catherine Cheng, MD, FACP, *Chicago, IL*

Being a Surgeon after the Sudden Loss of a Spouse

Danielle A. Katz, MD, FACS, *East Syracuse, NY*

Being a Transgender Surgeon

Michaela West, MD, FACS, PhD, *Sausalito, CA*

Being a Surgeon after Financial Ruin

Virginia Herbert McDougall, MD FACS, *Lebanon, NH*

Sponsored by the Women in Surgery Committee

PS125 | 4:15 - 5:45 pm

Quality: World Health Organization**Checklist and Surgical Care Improvement Project Measures: How to Simplify and Implement Them Globally in Countries with Limited Resources***Location: W178*

TRACKS: EDU, INT

MODERATOR: George C. Velmahos, MD, FACS, *Boston, MA*CO-MODERATOR: Jamal J. Hoballah, MD, FACS, *Beirut, Lebanon*

Surgical quality metrics, such as the World Health Organization (WHO) checklist and the Surgical Care Improvement Project (SCIP) measures, have been used in the U.S. to improve surgical care. Whether such metrics can be implemented on a global scale has not yet been established. Given the simplicity of these metrics, it appears to be a feasible endeavor to incorporate them into surgical practice in countries with limited resources. Therefore, the purposes of this session are to determine the feasibility of incorporating WHO checklist and SCIP measures in countries with limited resources and to determine barriers and challenges facing nations that already have these metrics in place.

IntroductionGeorge C. Velmahos, MD, FACS, *Boston, MA*

A World Health Organization Checklist Primer: From Conception to Current State

Alex B. Haynes, MD, MPH, *Boston, MA*

A Surgical Care Improvement Primer: From Conception to Current State

E. Patchen Dellinger, MD, FACS, FIDSA, FSHEA, *Seattle, WA*

Unique Challenges for Low-Income Countries

Raymond R. Price, MD, FACS, *Salt Lake City, UT*

Can the World Health Organization Make a Real Difference?

Catherine Juillard, MD, MPH, *San Francisco, CA*

Surgical Care Improvement Project Measures and Checklists for Surgery in Areas of Conflict

Haytham M.A. Kaafarani, MD, MPH, FACS, *Boston, MA**Sponsored by the International Relations Committee*

PS126 | 4:15 - 5:45 pm

Modern Management of the Mangled Extremity*Location: W175*

TRACKS: ORT, TRA, VAS

MODERATOR: Vicente H. Gracias, MD, FACS, *New Brunswick, NJ*CO-MODERATOR: Philip R. Wolinsky, MD, FACS, *Sacramento, CA*

For the general surgeon taking trauma call, acute extremity injury is common and requires prompt evaluation and intervention. This session is designed to provide a practical stepwise approach to the patient with an acute extremity injury. Several specific principles will be covered. This includes the diagnostic work-up and tips for handling a multiply injured pa-



tient or the patient with a combined orthopaedic and vascular injury. The role of tourniquets and damage control principles for the extremity will also be reviewed. Finally, an approach to the mangled extremity and tips for decision making will be covered.

IntroductionVicente H. Gracias, MD, FACS, *New Brunswick, NJ*

The Civilian Orthopaedic Surgeons Perspective: The Learning Early about Peanut Study

Philip R. Wolinsky, MD, FACS, *Sacramento, CA*

The Military Orthopaedic Surgeon's Perspective: Lessons from the U.S. Military from 14 Years and Three Wars

Colonel James R. Ficke, MD, FACS, *Baltimore, MD*

The Trauma Surgeon's Perspective on the Management of the Patient with a Mangled Extremity

Anne C. Mosenthal, MD, FACS, *Newark, NJ*

Advances in Extremity Coverage and Limb Salvage Including Merger with Regenerative Medicine and Bioprosthetics

Ian L. Valerio, MD, *Bethesda, MD**Sponsored by the Advisory Council for Orthopaedic Surgery and the Committee on Trauma*

PS127 | 4:15 - 5:45 pm

Adult Neck Mass: Contemporary Evaluation and Treatment Strategies*Location: W375A*

TRACKS: OTO, RUS

MODERATOR: Christine G. Gourin, MD, FACS, *Baltimore, MD*

Neck masses in adults offer a unique diagnostic challenge. This panel of head and neck experts will present their tools for developing a stratified differential diagnosis based on history, location, and size of a neck lesion. The panel will then present the sequence of appropriate diagnostic studies that will most cost-effectively lead to a true diagnosis. Panelists will then present a series of brief cases to highlight diagnostic algorithms.

IntroductionChristine G. Gourin, MD, FACS, *Baltimore, MD*

Management of the Neck—A Case-Based Approach

Anthony P. Tufaro, MD, FACS, *Baltimore, MD*

Management of the Neck—A Case-Based Approach

Rodney J. Taylor, MD, MPH, FACS, *Baltimore, MD*

Management of the Neck—A Case-Based Approach

Trinitia Yvette Cannon, MD, *Durham, NC*

Management of the Neck—A Case-Based Approach

Lana Liane Jackson, MD, FACS, *Ridgeland, MS**Sponsored by the Advisory Council for Otolaryngology-Head & Neck Surgery*

PS128 | 4:15 - 5:45 pm

Ophthalmic Trauma in the Emergency Room, in the Operating Room, and on the Battlefield*Location: W176*

TRACKS: OPHTHO, RUS, TRA



MODERATOR: Paul A. Edwards, MD, FACS, *Detroit, MI*

This panel discussion will discuss various ocular and periorbital injuries including diagnosis, management and treatment as related to presentation in the emergency setting and in the operating room. The battlefield section will cover diagnosis and treatment but will emphasize the significant improvements in results that have occurred over the last decade relating to Afghanistan and Iraq theaters.

Introduction

Paul A. Edwards, MD, FACS, *Detroit, MI*

Ocular Trauma in the Emergency Room

David J. Goldman, MD, *Detroit, MI*

Surgical Management of Ocular Trauma

David Yoo, MD, *Maywood, IL*

Ocular Trauma in the Battlefield

Raymond I. Cho, MD, FACS, *Potomac, MD*

General Questions and Answers

Paul A. Edwards, MD, FACS, *Detroit, MI*

Sponsored by the Advisory Council for Ophthalmic Surgery

PS129 | 4:15 - 5:45 pm

Laparoscopic Ventral Hernia Repair: Which Mesh Should I Fetch?

Location: W375DE

TRACKS: GEN, RUS

MODERATOR: Adrian E. Park, MD, FACS, FRCSC, FCS(ESCA), *Annapolis, MD*

CO-MODERATOR: Michael J. Rosen, MD FACS, *Solon, OH*

Two decades of laparoscopic ventral hernia operations has culminated in many lessons learned and has been accompanied by a plethora of technologic developments. Expert practitioners will present their current analyses of which minimally invasive methods and materials provide optimal success with different clinical challenges.

Introduction:

Adrian E. Park, MD, FACS, FRCSC, FCS(ESCA), *Annapolis, MD*

Tailoring Mesh Choice to Patient Need

Jacob A. Greenburg, MD, FACS, *Madison, WI*

Restoring Abdominal Wall Function with Mesh Repairs: Bridging vs. Defect Closure

Igor Belyansky, MD, FACS, *Annapolis, MD*

Managing Mesh Complications following Laparoscopic Ventral Hernia Repairs

Dana A. Telem, MD, FACS, *Stonybrook NY*

New Directions in Hernia Mesh Research and Development

Ajita S. Prabhu, MD, *Pepper Pike, OH*

The Americas Hernia Society Quality Collaborative (AHSQC) and How it Should Inform Your Hernia Patient Encounters

Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN*

Sponsored by the Advisory Council for General Surgery

Tuesday, October 6

PS200 | 8:00 - 9:30 am

Integrated Surgical Management of Metastatic Breast Cancer

Location: W375B

TRACKS: CTS, GEN, PLA

MODERATOR: Tari A. King, MD, FACS, *New York, NY*

CO-MODERATOR: Joe B. Putnam, MD, FACS, *Nashville, TN*

This panel will discuss the surgical treatment of the primary breast cancer in the setting of Stage IV breast cancer. It will also address the work-up and treatment of chest wall recurrence and the role of surgical resection of metastatic lesions. In addition, adjuvant chemotherapy and radiation and current standards of care will be discussed.

Introduction

Tari A. King, MD, FACS, *New York, NY*

Local Therapy for the Primary Tumor in the Setting of Stage IV Breast Cancer

Seema A. Khan, MD, FACS, *Chicago, IL*

Thoracic Surgery and the Management of Pleural and Parenchymal Breast Cancer Metastasis

Joe B. Putnam, MD, FACS, *Nashville, TN*

Neurosurgical Insights into Management of Intracranial Breast Cancer Metastases

Viviane Tabar, MD, *New York, NY*

Sponsored by the Advisory Council for General Surgery

PS201 | 8:00 - 9:30 am

Quality Assessment in Surgery

Location: W375A

TRACK: EDU

MODERATOR: Arden M. Morris, MD, FACS, MPH, *New York, NY*

CO-MODERATOR: Elizabeth C. Wick, MD, FACS, *Baltimore, MD*

Quality assessment is critical to modern surgical practice and represents a fundamental aspect of the expression of surgical professionalism. An "alphabet soup" of agencies and consortiums has evolved to develop and assess quality measures with the ultimate goal of improved outcomes. Regional and national surgical quality collaboratives—for example, the American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) and The Northern New England Cardiovascular Disease Study Group—are available to help define best practices and benchmark outcomes. However, such initiatives may overwhelm and intimidate the practicing surgeon. Who do the quality collaboratives represent? How do they work? How do they define success and failure in their efforts? How can interested surgeons participate?

Introduction

Arden M. Morris, MD, FACS, MPH, *New York, NY*

ACS NSQIP®—The Mechanism behind Audit and Feedback Quality Improvement—How Individual Surgeons Use NSQIP Data

Clifford Y. Ko, MD, MS, MSHS, FACS,
FASCRS, *Chicago, IL*

SCOAP—Self-Assessment at the System Level: How Does a Regional Quality Collaborative Establish Priorities and Define Success?

Richard C. Thirlby, MD, FACS, *Seattle, WA*

Collaborative Quality Improvement in Florida—The Realities of Implementing Collaborative Quality Assessment and Quality Improvement

Joseph J. Tepas III, MD, FACS, *Jacksonville, FL*

Theory and Practice: The Horizontal Approach to Improving Quality of Care

Mary Dixon Woods, DipStat, MSc, DPhil, FAcSS,
FMedSci, *Leicester, U.K.*

Panel Discussion

Elizabeth C. Wick, MD, FACS, *Baltimore, MD*

Panel Discussion

Arden M. Morris, MD, FACS, MPH, *New York, NY*

Sponsored by the Advisory Councils for the Surgical Specialties the Advisory Council for Colon and Rectal Surgery

**PS202 | 8:00 - 9:30 am
Dealing with the Failed Intestinal Anastomosis**

Location: W375C

TRACKS: CRS, RUS, TRA

MODERATOR: Thomas E. Read, MD, FACS, *Burlington, MA*
CO-MODERATOR: Marc A. Singer, MD, FACS, *Chicago, IL*

This panel will examine the role of stents versus endoluminal Rx (for example, vac) versus radiologic drainage versus surgery in the management of an anastomotic leak.

Introduction

Thomas E. Read, MD, FACS, *Burlington, MA*

Who Is Going to Leak? Risk Factors and Prevention Strategies

Rocco Ricciardi, MD, MPH, FACS, FASCRS,
Burlington, MA

Dealing with Intraoperative Disaster: The Stapler's Stuck! The Anastomosis Is Bubbling!

James W. Fleshman, MD, FACS, *Dallas, TX*

Detection of Leak and Traditional Methods to Deal with It: Drain, Divert, Resect

Tracy L. Hull, MD, FACS, *Cleveland, OH*

Novel Methods to Deal with Leak: Clips, Stents, and Sponges

Jeffrey W. Milsom, MD, FACS, *New York, NY*

Case Studies/Panel Discussion

Thomas E. Read, MD, FACS, *Burlington, MA*

Sponsored by the Advisory Council for Colon and Rectal Surgery



PS203 | 8:00 - 9:30 am

Patient-Centered Outcomes Research:

What Is It and How to Do It

Location: W175

TRACKS: BTR, GEN, ONC

MODERATOR: George J. Chang, MD, FACS, *Houston, TX*
CO-MODERATOR: Caprice C. Greenberg, MD, MPH, FACS,
Madison, WI

Patient-centered outcomes research is guided by patients, caregivers, and the broader health care community. One of its primary goals is to help people make informed health care decisions and improve health care delivery by promoting evidence-based practice informed by these stakeholders. Panelists who are recipients of awards from the Patient Centered Outcomes Research Institute (PCORI) or who have pending PCORI proposal submissions will discuss the concept and value of patient-centered outcomes research; how to effectively engage stakeholders such as cancer survivors, patient advocates, health care providers, and health outcomes researchers to inform choice of study design and outcomes; and how such research findings can be effectively implemented in practice.

Introduction

George J. Chang, MD, FACS, *Houston, TX*

What Is Patient-Centered Outcomes Research?

Diane Bild, MD, MPH, *Washington, DC*

Venous Thromboembolism Prevention through Empowering Patients

Elliott R. Haut, MD, FACS, *Baltimore, MD*

Sexual Orientation and Gender Identity in the Emergency Department

Adil H. Haider, MB, BS, MPH, FACS, *Baltimore, MD*

Randomized Trial of a Patient Activation Tool in Acute Appendicitis

Katherine J. Deans, MD, FACS, *Columbus, OH*

Improving Post-Cancer Treatment Surveillance

Caprice C. Greenberg, MD, MPH, FACS, *Madison, WI*

Sponsored by the Alliance for Clinical Trials in Oncology

PS204 | 8:00 - 9:30 am

The Bad Infections: Tools to Keep Ahead of Difficult Infections and Resistant Organisms

Location: W196BC

TRACKS: GEN, RUS, TRA

MODERATOR: Addison K. May, MD, FACS, *Nashville, TN*
CO-MODERATOR: Douglas J. E. Schuerer, MD, FACS,
St. Louis, MO

Two of the most difficult problems for the general surgeon are new emerging infections and infectious processes that are difficult to diagnose and treat. This session will review some of the new emerging resistant bacteria such as MRSA, and multi-drug resistant Acinetobacter and their treatment options. The importance of early adequate coverage and the best way to obtain it will be reviewed. Included in this discussion is the importance of the rising virulence of



these infections with their resulting morbidity. Also the diagnostic tools and treatment options for difficult infections such as *C. difficile* colitis, pancreatic phlegmon, and necrotizing soft-tissue infections will be reviewed as will the timing of surgery.

Introduction

Addison K. May, MD, FACS, *Nashville, TN*

Clostridium Difficile Infections

Brian S. Zuckerbraun, MD, FACS, *Pittsburgh, PA*

Necrotizing Skin and Soft-Tissue Infections

Eileen M. Bulger, MD, FACS, *Seattle, WA*

Resistant Pathogens and How to Treat Them

John Edward Mazuski, MD, FACS, *St. Louis, MO*

Severe and Tertiary Peritonitis

Addison K. May, MD, FACS, *Nashville, TN*

Intereseting Cases and Panel Discussion

Douglas J. E. Schuerer, MD, FACS, *St. Louis, MO*

Sponsored by the Committee on Perioperative Care

PS205 | 8:00 - 9:30 pm

Lung Cancer Quality Improvement: Using the ACS NSQIP® to Improve Cancer Care Quality

Location: W176

TRACKS: CTS, ONC

MODERATOR: Benjamin D. Kozower, MD, MPH, FACS, *Charlottesville, VA*

Care quality improvement will become a primary issue for health care delivery. Disease-specific quality improvement, especially in common diseases like lung cancer, is the low-hanging fruit of these efforts. While participation in large diseases specific databases is ideal, many practitioners may not have the financial resources to implement these rather expensive tools. The American College of Surgeons National Surgical Quality Improvement Program, however, is more uniformly available. This session will provide examples on how to incorporate ACS NSQIP® into a quality improvement for lung cancer care delivery.

Introduction

Benjamin D. Kozower, MD, MPH, FACS, *Charlottesville, VA*

Comparison of the Society of Thoracic Surgeons and ACS NSQIP® Outcomes

Benjamin D. Kozower, MD, MPH, FACS, *Charlottesville, VA*

Using ACS NSQIP®/Thoracic as a Quality Database

Richard I. Whyte, MD, FACS, *Stanford, CA*

Using ACS NSQIP® to Identify High-Risk Patients for Lung Cancer Resection

Anthony W. Kim, MD, FACS, *New Haven, CT*

Postoperative Care Pathways for Lung Resection

David T. Cooke, MD, FACS, *Sacramento, CA*

Sponsored by the Advisory Council for Cardiothoracic Surgery

PS206 | 8:00 - 9:30 am

Novel Ways to Prevent Incisional Hernias and Adhesions

Location: W375DE

TRACKS: GEN, RUS

MODERATOR: Johannes Jeekel, MD, PhD, *Rotterdam, Netherlands*

CO-MODERATOR: B. Todd Heniford, MD, FACS, *Charlotte, NC*

The most frequent complications of abdominal surgery are incisional hernias, which occur in 5-20 percent of all hernia patients and more than 30 percent of high-risk patients (for example, body mass index > 27) and the complications of adhesions, which result in a 10-30 percent readmission rate after colorectal surgery and a 5-20 percent rate of enterotomy at reoperation. These most common postoperative complications have not changed over the last few decades, partly due to the lack of focused research in this field. This panel session will present recent evidence evaluating the prevention and treatment of ventral/incisional hernias and adhesion prevention. Using evidence-based medicine as a consensus approach will be applied.

Introduction

Johannes Jeekel, MD, PhD, *Rotterdam, Netherlands*

Prevention of Incisional Hernia and Parastomal Hernia by Enforcement with Mesh or by Small Bites/Stitches

Johannes Jeekel, MD, PhD, *Rotterdam, Netherlands*

Treatment of Incisional Hernia and Prevention of Complications Implications for Health Care Costs

B. Todd Heniford, MD, FACS, *Charlotte, NC*

Treatment of Complicated and Contaminated Incisional Hernia

Michael J. Rosen, MD, FACS, *Solon, OH*

Adhesions: Complications: Treatment and Costs

Harry van Goor, MD, PhD, FRCS, *Nijmegen, Netherlands*

Adhesions Prevention: Barriers; Pharmacological and Surgical Techniques

David E. Beck, MD, FACS, FASCRS, *New Orleans, LA*

Sponsored by the Program Committee

PS207 | 8:00 - 11:15 am

Spectacular Cases

Location: HMPCC Prairie B

TRACK: RES/MED

CO-MODERATORS:

Juan C. Paramo, MD, FACS, *Miami Beach, FL*

A. Frederick Schild, MD, FACS, *Miami, FL*

In this dynamic session, residents present spectacular cases to a panel group of experts. The cases are presented in a format that is similar to a morbidity and mortality conference, allowing an interactive discussion to occur between the presenters and the panel and challenging the panel to dispute the course of action taken in very difficult and unusual circumstances.

Introduction

Juan C. Paramo, MD, FACS, *Miami Beach, FL*

Panelists

A. Frederick Schild, MD, FACS, *Miami, FL*
 J. Patrick O'Leary, MD, FACS, *Miami, FL*
 Kenneth W. Sharp, MD, FACS, *Nashville, TN*
 J. David Richardson, MD, FACS, *Louisville, KY*
 Grace S. Rozycki, MD, FACS, *Indianapolis, IN*

Cooperative Management of Splenic Rupture and Hepatic Flexure Injury during Diagnostic Colonoscopy in a Patient with Adenocarcinoma of the Cecum and Pulmonary Embolism

Varun Kapur, MBBS, *Saint Clair Shores, MI*

Multiple Fistulas

Trevy Ana Ramos, DO, *Johnson City, TN*

Trans-Gastric Endoscopy and

Pancreaticoduodenectomy following Roux-en-Y Gastric Bypass

Elizabeth M. Pontarelli, MD, *Sacramento, CA*

Metastatic Invasive Lobular Breast Cancer Presenting as Gastric Cancer

Phoenix Vuong, MD, *New York, NY*

Saving Life and Limb: Multidisciplinary Management of Complex Penetrating Trauma

Lisa M. Kodadek, MD, *Baltimore, MD*

Damage Control Surgery in Multiple Organ Failure Due to an Acute Abdomen

Ornela Dervishaj, MD, *Brooklyn, NY*

Gastric Perforation Associated with Bilateral Inguinal Hernias

Evan Kenneth Fitz, MD, *Indianapolis, IN*

Sponsored by the Resident and Associate Society

PS208 | 9:45 - 11:15 am

Should That Surgeon Be Operating?



Location: W176

TRACKS: EDU, GEN

MODERATOR: Scott H. Kurtzman, MD, FACS, *Waterbury, CT*

Surgeons are subject to the same illnesses and maladies as our patients. Sometimes illnesses and normal age-related declines either impair or potentially impair a surgeon's ability to practice safely. Examples are surgeons infected with communicable diseases, such as hepatitis C, human immunodeficiency virus (HIV), or tuberculosis; physical injuries; psychiatric, neurologic, and addictive disorders. Surgeons are not immune to age-related declines in dexterity, cognition, and surgical skills. This session explores issues that may affect a surgeon's ability to practice safely, and discuss appropriate measures before a surgeon returns to practice after illness or injury. We will also discuss when it is appropriate to transition out of surgery, and discuss strategies to ease the transition into other fields and/or into retirement.

Introduction

Scott H. Kurtzman, MD, FACS, *Waterbury, CT*

The Aged Surgeon

Mark R. Katlic, MD, FACS, *Baltimore, MD*

The Fatigued Surgeon

Michael Slovis, JD, *Chicago, IL*

The Recuperating Surgeon (Drug or Alcohol Rehabilitation)

Daniel Angres, MD, *Chicago, IL*

The Human Immunodeficiency Virus or Hepatitis C—Infected Surgeon

David K. Henderson, MD, *Bethesda, MD*

Sponsored by the Governors Committee on Physician Competency and Health

PS209 | 9:45 - 11:15 am

Current Controversies in Surgical Oncology



Location: W375A

TRACKS: GEN, ONC

MODERATOR: James W. Fleshman, Jr., MD, FACS, *Dallas, TX*

CO-MODERATOR: Elizabeth A. Mittendorf, MD, PhD, FACS, *Houston, TX*

Panelists will address controversies in the surgical management of breast, lung, and colorectal cancer including how these controversies are currently handled in clinical practice and how we can obtain data to guide clinical practice moving forward. Current, open clinical trials that address some of these controversies will be described. Additionally, this session will discuss how we can further our understanding and guide surgical management in areas where prospective clinical trials are infeasible. Knowledge gaps and areas that are ripe for future research related to these unresolved controversies will be identified.

Introduction

James W. Fleshman, Jr., MD, FACS, *Dallas, TX*

Panel Leader on Controversies in Surgical Oncology

Elizabeth A. Mittendorf, MD, PhD, FACS, *Houston, TX*

Omission of Axillary Lymph Node Dissection in Breast Cancer Patients Undergoing Mastectomy: Is a Clinical Trial Required?

A. Marilyn Leitch, MD, FACS, *Dallas, TX*

Robotic vs. Video-Assisted Thoracoscopic Surgery vs. Open Operation for Lung Cancer: A Trial Proposal

David C. Rice, MB, BCh, *Houston, TX*

New Tools for Cancer Surveillance

George J. Chang, MD, FACS, *Houston, TX*

Sponsored by the Alliance for Clinical Trials in Oncology

PS210 | 9:45 - 11:15 am

Button Batteries and Magnets: Ingestion of Foreign Bodies



Location: W375C

TRACKS: OTO, RUS

MODERATOR: Craig S. Derkay, MD, FACS, *Norfolk, VA*

CO-MODERATOR: Deborah F. Billmire, MD, FACS, *Indianapolis, IN*

Foreign body ingestion in children is a common phenomenon resulting in the need for general anesthesia and recovery. Recently, reports have demonstrated that the subgroup of button batteries and magnets present a particular threat to children. Panelists will provide details regarding the negative consequences of button battery and magnet ingestions, the need for rapid investigation, and potential detrimental sequelae if not dealt with expeditiously. The panelists will discuss specific investigatory options which may advance timeliness of care along with surgical and nonsurgical remediation measures. Finally, the panel will provide information about new national consortiums that are advocating for packaging and labeling reforms, which may reduce morbidity and mortality.

Introduction

Craig S. Derkay, MD, FACS, *Norfolk, VA*

Button Batteries: Overview of the Dangers in Children

Craig S. Derkay, MD, FACS, *Norfolk, VA*

Review of the National Statistics Regarding Button Battery Ingestions in the U.S.

Toby L. Litovitz, MD, *Washington, DC*

Button Battery Task Force: Current State of the Art for Diagnosis and Treatment

Ian Neal Jacobs, MD, FACS, *Philadelphia, PA*

Progress with Industry Partners and New Initiatives to Improve Safety

Kris R. Jatana, MD, FACS, *Columbus, OH*

Ingested Magnets: Diagnosis, Treatment, and Prevention in Children

Elizabeth A. Beierle, MD, FACS, *Birmingham, AL*

The Danger of Ingested Magnets in Children

Deborah F. Billmire, MD, FACS, *Indianapolis, IN*

Case Presentations of Button Battery and Magnet Ingestions in Children

Craig S. Derkay, MD, FACS, *Norfolk, VA*

Sponsored by the Advisory Council for Otolaryngology-Head & Neck Surgery

PS211 | 9:45 - 11:15 am

How to Assess Outcomes/Quality Improvement for Residents

Location: W471B

TRACKS: EDU, HP, RES/MED

MODERATOR: Erica L. Mitchell, MD, FACS, *Portland, OR*

CO-MODERATOR: Sandra L. Wong, MD, MS, FACS, *Ann Arbor, MI*

Health care reform and improvement of the quality of health care has become a top national priority since the Institute of Medicine articulated this theme in *Crossing the Quality Chasm* in 2001. As such, system-based practice topics, such as health care access, quality of care, patient safety, and disparities in health care have become essential components of surgical residencies, and physicians are now expected to display an understanding of these topics. Teaching and assessing these competencies however has proven to be a challenge for surgical educators and program directors. This session will: (1) examine the educa-

tional value of incorporating quality improvement (QI) into surgical education, (2) clarify means for engaging residents in site-specific QI, and (3) provide guidance on how to assess QI programmatic outcomes.

Introduction

Erica L. Mitchell, MD, FACS, *Portland, OR*

The Imperative to Engage Surgical Residents in Quality Improvement

Charles D. Scales, MD, MSHS, *Durham, NC*

Development and Implementation of a Surgical Quality Improvement Curriculum

Rachel R. Kelz, MD, MSCE, FACS, *Philadelphia, PA*

Incorporating the Morbidity and Mortality Conference into a Peer-Review Physician Quality Reporting System

Timothy King Liem, MD, FACS, *Portland, OR*

Sponsored by the Surgical Research Committee and the Committee on Resident Education

PS212 | 9:45 - 11:15 am

Gastroesophageal Junction

Adenocarcinoma: Defying the Odds

Location: W375B

TRACKS: CTS, GEN, ONC

MODERATOR: Daniela Molena, MD, FACS, *Baltimore, MD*

CO-MODERATOR: David Burger, MD, *Oklahoma City, OK*

Proximal gastric adenocarcinoma rates are rising in the U.S. despite the decreasing number of patients with gastric cancer in the U.S. This panel will delve into the epidemiology of gastroesophageal junction tumors, address neoadjuvant treatment options, and detail surgical approaches. It will address the D1 versus D2 lymphadenectomy controversy as well.

Introduction

Daniela Molena, MD, FACS, *Baltimore, MD*

Discussion of Real Cases

Ralph Williams Aye, MD, FACS, *Seattle, WA*

Gastroesophageal Junction Adenocarcinoma: Esophageal Cancer, Gastric Cancer, or an Entity on Its Own?

Boris Sepesi, MD, *Houston, TX*

Induction Treatment: MAGIC vs. CROSS

Andrea S. Wolf, MD, MPH, *New York, NY*

Surgical Debate: The Esophagus Should Go

Steven R. DeMeester, MD, FACS, *Los Angeles, CA*

Surgical Debate: It Is Better to Remove the Stomach

Francesco Palazzo, MD, FACS, *Philadelphia, PA*

Surgical Debate: Proximal Gastrectomy—It Is an Option?

Christy M. Dunst, MD, FACS, *Portland, OR*

Limited or Extended Lymphadenectomy?

Brian Edward Louie, MD, FACS, *Seattle, WA*

Discussion of Real Cases

Daniela Molena, MD, FACS, *Baltimore, MD*

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Cardiothoracic Surgery



PS213 | 9:45 - 11:15 am

Do I Need to Operate on That in the Middle of the Night?

Location: W375DE



TRACKS: GEN, RUS, TRA

MODERATOR: Karen E. Deveney, MD, FACS, *Portland, OR*
 CO-MODERATOR: Gregory J. Jurkovich, MD, FACS, *Denver, CO*

This panel will review acute care surgery and rural surgery common issues. What surgical diseases can or should wait until the morning? This session will provide an acute care surgeon's perspective and a rural surgeon's perspective. Information will be presented on specific diseases—acute appendicitis, small bowel obstruction. Other factors addressed include: Issues of rest, being on call, disclosure to morning patients, and the need to get it done now versus set up for the next surgeon for the next day.

IntroductionKaren E. Deveney, MD, FACS, *Portland, OR***Acute Appendicitis**Peter M. Rhee, MD, MPH, FACS, FCCM, *Tucson, AZ***Small Bowel Obstruction**Anne M. Williams, MD, FACS, *Glasgow, MD***Acute Diverticulitis**Patrick M. Reilly, MD, FACS, FCCP, *Philadelphia, PA***Acute Problem after Gastric Bypass**Glenn L. Levine, MD, FACS, *Gold Beach, OR**Sponsored by the Advisory Council for Rural Surgery*

PS238 | 11:30 am - 12:30 pm

Antibiotics First: A New Standard for Uncomplicated Appendicitis?

Location: W375A



TRACKS: EDU, GEN

MODERATOR: Dana K. Andersen, MD, FACS, *Silver Springs, MD*

For over 130 years, the usual treatment recommendation for people with uncomplicated appendicitis is a prompt appendectomy. However, experience in Europe suggests that an antibiotics-first strategy is an alternative that warrants consideration, particularly in a patient who has a preference for avoiding appendectomy. The European randomized trials comparing this approach with appendectomy found that it is not associated with an increased risk for perforation or a higher rate of complications, but that as many as half of the patients so treated will have early treatment failures and all have a risk of recurrent appendicitis that may ultimately require appendectomy. It remains to be determined if the benefits of potentially avoiding an operation with the antibiotics-first approach are outweighed by the burden to the patient related to future appendicitis episodes, more days of antibiotics, lingering symptoms, and uncertainty that may impact quality of life. This is especially true given that appendectomy, as performed in the United States, has a very favorable safety profile and typically involves a short hospitalization.

IntroductionDana K. Andersen, MD, FACS, *Silver Springs, MD***Antibiotics-First in Adults: The Evidence**David A. Talan, MD, FACEP, FIDSA, *Los Angeles, CA***Antibiotics-First in Children: The Evidence**Peter C. Minneci, MD, MHSc, FACS, *Columbus, OH***Knowledge Gaps and Research Opportunities**David R. Flum, MD, FACS, *Seattle, WA*

PS214 | 12:45 - 2:15 pm

Captain to Team Player: How Do We Train Residents to Play in the Modern Sandbox?

Location: W175



TRACKS: EDU, RES/MED

MODERATOR: Jeannette M. Capella, MD, FACS, *Duncansville, PA*

CO-MODERATOR: W. Thomas Lawrence, MD, MPH, FACS, *Iowa City, IA*

Surgical residents are trained to be “captains” of surgical teams. However, they don’t usually receive formal team training with other specialists or those in other disciplines (for example, nursing). They also don’t consistently learn other teamwork skills. This contributes to the “silo-ization” of health care in general and surgery in particular. The literature shows that poor teamwork has a detrimental effect on patient care. This panel will present the current literature pertinent to team training in health care, focusing primarily on surgery. They will highlight the needs of our surgical trainees, the current instructor tools available, and the gaps that persist.

IntroductionJeannette M. Capella, MD, FACS, *Duncansville, PA***Current Team Training Methods**John T. Paige, MD, FACS, *New Orleans, LA***Team Training Assessment**Neal E. Seymour, MD, FACS, *Springfield, MA***Team Training: A Key to Successful Outcomes in Surgery**Carlos A. Pellegrini, MD, FACS, FRCSI(Hon), *Seattle, WA**Sponsored by the Committee on Resident Education*

PS215 | 12:45 - 2:15 pm

Creating the Perfect Stoma under Adverse Conditions

Location: W375B



TRACKS: CRS, GEN

MODERATOR: Bruce A. Orkin, MD, FACS, *Chicago, IL*

CO-MODERATOR: Justin A. Maykel, MD, FACS, *Worcester, MA*

Stoma creation is often the final part of a complex operation, yet it is commonly the most important determinant of quality of life. This session would focus on tips in creating the ideal stoma in a variety of clinical situations.

IntroductionBruce A. Orkin, MD, FACS, *Chicago, IL*

Stomas in the Morbidly Obese Patient
Samantha K. Hendren, MD, MPH, FACS, *Ann Arbor, MI*

Stomas Associated with Massive Ventral Hernias
Donald R. Czerniach, MD, FACS, *Worcester, MA*

Stoma Revision in the Hostile Abdomen
Eric Keith Johnson, MD, FACS, FASCRS, *Fort Lewis, WA*

Panel Discussion with Challenging Cases
Justin A. Maykel, MD, FACS, *Worcester, MA*

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS216 | 12:45 - 2:15 pm
Current Management of Polyposis Syndromes in the Pediatric and Adolescent Population
Location: W193

TRACKS: CRS, GEN, PED

MODERATOR: Christopher R. Moir, MD, FACS, *Rochester, MN*

CO-MODERATOR: Daniel H. Teitelbaum, MD, FACS, *Ann Arbor, MI*

Introduction
Christopher R. Moir, MD, FACS, *Rochester, MN*

Overview of Polyposis Syndromes
Karin M. Hardiman, MD, PhD, FACS, *Ann Arbor, MI*

Surgical Management of Polyposis Conditions
Christopher R. Moir, MD, FACS, *Rochester, MN*

Endoscopic Surveillance and Intervention with Polyposis Syndromes
Adam C. Stein, MD, *Chicago, IL*

Sponsored by the Advisory Council for Pediatric Surgery

PS217 | 12:45 - 2:15 pm
Where Does Marketing End and Conflict of Interest Begin?
Location: HMPCC Prairie B

TRACKS: BTR, EDU

MODERATOR: Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*
CO-MODERATOR: Steve Eubanks, MD, FACS, *Orlando, FL*

In these days of more oversight, the Sunshine Act and company interactions with physicians, when does assistance with new technology or our ability to bring new technology to the operating room and conflict of interest begin? What is the dividing line between a company providing support for a physician to learn about a new technology and overstepping the bounds of using that new technology too often based upon "perks" that a company may provide?

Introduction
Jeffrey L. Ponsky, MD, FACS, *Cleveland, OH*

The Sunshine Act
Jessica Slifko, JD, *Cleveland, OH*

Facilitating the Learning Curve for New Technology
Dmitry Oleynikov, MD, FACS, *Omaha, NE*

The Chairman's Perspective
Jeffrey B. Matthews, MD, FACS, *Chicago, IL*

What to Do When the Company Representative Is Indispensable
Daniel G. Clair, MD, FACS, *Cleveland, OH*

The Industry Perspective
Michael E. Tarnoff, MD, FACS, *Boston, MA*

Sponsored by the Advisory Councils for the Surgical Specialties

PS218 | 12:45 - 2:15 pm
Bariatric Surgery: Prevention and Management of Complications
Location: W179

TRACKS: BTR, EDU

MODERATOR: Ronald H. Clements, MD, FACS, *Nashville, TN*
CO-MODERATOR: Alfonso Torquati, MD, FACS, *Durham, NC*

Bariatric surgical procedures continue to grow in popularity as the obesity epidemic shows no sign of abating. Newer surgical procedures are bringing new specific complications with their development. This panel will discuss the ways to prevent surgical complications in bariatric procedures such as gastric bypass and sleeve gastrectomy. Postoperative complications of these procedures are specific to the procedure, and the panel will discuss recognition and management of the specific complications of gastric bypass and sleeve gastrectomy.

Introduction
Ronald H. Clements, MD, FACS, *Nashville, TN*

Preventing and Managing Anastomotic and Staple Line Leaks after Gastric Bypass and Sleeve Gastrectomy
Mohamed R. Ali, MD, FACS, *Sacramento, CA*

Preventing and Managing Strictures after Gastric Bypass and Sleeve Gastrectomy
Robert J. Kelly, Jr., MD, FACS, *Savannah, GA*

Preventing and Managing Marginal Ulceration after Gastric Bypass
Matthew D. Spann, MD, *Nashville, TN*

Preventing and Managing Bleeding after Gastric Bypass and Sleeve Gastrectomy
Anthony T. Petrick, MD, FACS, *Danville, PA*

Preventing and Managing Biliary and Acid Reflux after Gastric Bypass and Sleeve Gastrectomy
Philip A. Omotosho, MD, FACS, *Chicago, IL*

Preventing and Managing Band Conversions
Eric T. Volckmann, MD, *Salt Lake City, UT*

Preventing and Managing Complications after Biliopancreatic Diversion with Duodenal Switch
Alfons Pomp, MD, FACS, FRCSC, *New York, NY*

Preventing and Managing Internal Hernias after Gastric Bypass
Sean Michael Lee, MD, *Augusta, GA*

Sponsored by the Advisory Council for General Surgery

PS219 | 12:45 - 2:15 pm
Controversies in Breast Reconstruction
Location: HMPCC Grant Park AB

TRACKS: GEN, PLA, ONC

MODERATOR: Gregory R. D. Evans, MD, FACS, *Orange, CA*

This panel session will discuss options for delays in the face of irradiation.

Introduction

Gregory R. D. Evans, MD, FACS, *Orange, CA*

IORT and Oncoplastic Surgery

Jay K. Harness, MD, FACS, *Orange, CA*

Mastectomy and Reconstruction in the Previously Irradiated Breast Surgical Oncology Perspective

Michael D. Alvarado, MD, FACS, *San Francisco, CA*

Plastic Surgery Perspective

Julie E. Park, MD, FACS, *Chicago, IL*

Radiation Therapy after Mastectomy with Reconstruction

Peter G. Cordeiro, MD, FACS, *New York, NY*

Applications of Radiotherapy Following Mastectomy and Reconstruction

Julia M. White, MD, *Columbus, OH*

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Plastic and Maxillofacial Surgery

PS220 | 12:45 - 2:15 pm

How I Stop Bleeding

Location: W375A



TRACKS: RUS, TRA, VAS

MODERATOR: Rajabrata Sarkar, MD, PhD, FACS, *Baltimore, MD*

This course will review the essentials of stopping bleeding in contemporary medical care. Settings will include prehospital first response, emergency room trauma, intraoperative disaster, and military trauma. Topics will include: what to do when a colleague calls for help; advanced techniques, including coil, plug, or glue embolization; and when to use Factor VII.

Introduction

Rajabrata Sarkar, MD, PhD, FACS, *Baltimore, MD*

Prehospital and Resuscitation Room Bleeding Control: Tourniquets, Topical Hemostatic Agents, and Other Mechanical or Procedural Adjuncts

Joseph D. Love, DO, FACS, *Houston, TX*

Operative Control of Extremity Hemorrhage—Open Operative Exposure, Surgical Adjuncts, and Temporary Vascular Shunts

Paul W. White, MD, FACS, *Bethesda, MD*

Operative Control of Abdominal and Pelvic Bleeding—Open Approach to Hemoperitoneum, Complex Pelvic Fracture, and Iatrogenic Vascular Injury

Kenji Inaba, MD, FACS, FRCS, *Los Angeles, CA*

Endovascular Adjuncts in Hemorrhage Control—Large Vessel Balloon Occlusion, Covered Stents, and Selective Vessel Embolization

Melanie K. Hoehn, MD, *Baltimore, MD*

Resuscitation of the Hemorrhaging Patient

Matthew J. Martin, MD, FACS, *Tacoma, WA*

Audience Questions and Case-Based Panel Discussion

Rajabrata Sarkar, MD, PhD, FACS, *Baltimore, MD*

Sponsored by the Advisory Council for Vascular Surgery and the Committee on Trauma

PS221 | 12:45 - 2:15 pm

Acute Abdomen during Pregnancy

Location: W375C



TRACKS: GEN, OBG, TRA

MODERATOR: Peter B. Greenspan, DO, FACOG, FACS, *Lees Summit, MO*

CO-MODERATOR: Stanley M. Augustin, MD, FACS, *Kansas City, MO*

General surgeons are frequently called to treat non-obstetric surgical problems in pregnant women, and as many as 2 percent of pregnancies are complicated by such problems. It is best to avoid surgical procedures during pregnancy when possible, but surgical emergencies must be dealt with when they occur. This course will provide a review of current recommendations for surgical care in pregnant patients. Areas discussed will include anesthesiology, radiology, laparoscopy, and diagnosis and treatment of specific surgical diseases in the pregnant patient.

Introduction

Peter B. Greenspan, DO, FACOG, FACS, *Lees Summit, MO*

Acute Abdomen in Pregnancy

Glenn Ervin Talboy, MD, FACS, *Kansas City, MO*

Acute Abdomen during Pregnancy

Joshua A. Broghammer, MD, FACS, *Kansas City, KS*

Sponsored by the Advisory Council for Gynecology and Obstetrics and the Advisory Council for General Surgery

PS222 | 12:45 - 5:00 pm

Association of Program Directors in Surgery (APDS) Panels

Location: W196BC

TRACKS: EDU, RES/MED

MODERATOR: M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

CO-MODERATOR: Richard B. Damewood, MD, FACS, *York, PA*

The Association of Program Directors in Surgery (APDS) presents two panels on key issues in surgery resident education. The first panel is titled The American Board of Surgery In-Training (ABSITE): High Stakes, Low Stakes, or Something Else Entirely? The second panel will be Getting the Right Resident into Your Program. Panels will include expert speakers as well as a panel discussion. The annual APDS Business Meeting will follow the Panel Session from 4:00 to 4:45 pm.

Panel 1: The American Board of Surgery In-Training (ABSITE): High Stakes, Low Stakes, or Something Else Entirely?

M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

The ABSITE: An American Board of Surgery Perspective

Jo Buyske, MD, FACS, *Philadelphia, PA*

The ABSITE: A Subspecialty Program Director's Perspective

Grace Z. Mak, MD, *Chicago, IL*

The ABSITE: A Program Director's Perspective

Richard B. Damewood, MD, FACS, *York, PA*

The ABSITE Really Matters: A Resident's Perspective

Sarah Moore, MD, *Albuquerque, NM*

Panel 2: Getting the Right Resident into Your Program

M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

How to Use the Electronic Residency Application Service to Choose the Right Surgical Residents

Christian M. deVirgilio, MD, FACS, *Torrance, CA*

Applying Human Resources Principles to General Surgery Applicant Interviews

Daniel J. Vargo, MD, FACS, *Salt Lake City, UT*

Know Your Program and Know Your Applicants

Richard A. Sidwell, MD, FACS, *Des Moines, IA*

How to Pick the Right Surgical Residency: A Resident Perspective

Emily Dubina, MD, *Torrance, CA*

Sponsored by the Association of Program Directors in Surgery and Division of Education

PS223 | 2:30 - 4:00 pm

Current Treatments of Lymphedema

Location: W375B

TRACKS: **ONC, PLA, VAS**

MODERATOR: Mark L. Smith, MD, FACS, *New York, NY*

CO-MODERATOR: Peter C. Neligan, MB, FRCSI, FRCSC, FACS, *Seattle, WA*

Introduction

Mark L. Smith, MD, FACS, *New York, NY*

Patient Selection and Assessment of the Surgical Lymphedema Patient

Peter C. Neligan, MB, FACS, FRCSI, FRCSC, *Seattle, WA*

Patient Selection and Assessment of the Surgical Lymphedema Patient

Peter C. Neligan, MB, FRCSI, FRCSC, FACS, *Seattle, WA*

Sponsored by the Advisory Council for Plastic and Maxillofacial Surgery and the Advisory Council for General Surgery

PS224 | 2:30 - 4:00 pm

Thoracic Aortic Disease Management: From the Aortic Valve to the Bifurcation

Location: W471A

TRACKS: **CTS, VAS**

MODERATOR: Christopher J. Kwolek, MD, FACS, *Boston, MA*

CO-MODERATOR: Michael J. Reardon, MD, FACS, *Houston, TX*

The attendees of this session will be able to describe the risks, benefits, and alternatives associated with different methods used for the repair of aortic arch

disease; understand the rationale for using different endovascular techniques, such as stent graft repair and endovascular fenestration for the treatment of acute aortic dissection; describe the role that surgeons may play in performing transaortic valve replacement (TAVR); describe the indications for endovascular aortic repair including role of snorkel and chimney repair; and discuss the role of aortic centers and multidisciplinary teams in the management of thoracic aortic disease.

Introduction

Christopher J. Kwolek, MD, FACS, *Boston, MA*

Transcatheter Aortic Valve Replacement: Current Status and Future Direction

Michael J. Reardon, MD, FACS, *Houston, TX*

Aortic Root Replacement: Conduits and Valve Sparing Techniques

Thomas G. Gleason, MD, FACS, *Pittsburg, PA*

Surgical Arch Replacement: Open Surgical and Hybrid Approaches

Wilson Y. Szeto, MD, FACS, *Philadelphia, PA*

Replacement of the Descending and Thoracoabdominal Aorta: Open Surgical and Hybrid Approaches

Anthony L. Estrera, MD, FACS, *Houston, TX*

Current Approach to Aortic Dissections

Jean Bismuth, MD, FACS, *Houston, TX*

Sponsored by the Advisory Council for Vascular Surgery and the Advisory Council for Cardiothoracic Surgery

PS225 | 2:30 - 4:00 pm

Management of Rectourethral Fistula

Location: W194

TRACKS: **CRS, Urology**

MODERATOR: Kenneth W. Angermeier, MD, FACS, *Cleveland, OH*

CO-MODERATOR: Christopher R. Mantyh, MD, FACS, FASCRS, *Durham, NC*

Rectourethral fistulae after urological, gynecological, and colon and rectal surgery represent formidable challenges due to trauma, surgical mishap, radiation injury, and other factors. This Panel Session brings together experts from the necessary disciplines required for successful preoperative planning, multidisciplinary operative reconstruction, and collaborative management of complex fistulae.

Introduction

Kenneth W. Angermeier, MD, FACS, *Cleveland, OH*

Etiology/Incidence/Presentation: Role of Fecal Diversion

Christopher R. Mantyh, MD, FACS, FASCRS, *Durham, NC*

Preoperative Evaluation: What Can Be Salvaged? The York Mason Procedure

Andrew Charles Peterson, MD, FACS, *Durham, NC*

Transanal Repair: Pull-Through Procedures

David W. Dietz, MD, FACS, *Cleveland, OH*

Perineal Repair/Gracilis Interposition Urethral Reconstruction (Buccal Mucosa Graft/Primary Anastomosis)

Kenneth Wayne Angermeier, MD, FACS, *Cleveland, OH*

Sponsored by the Advisory Council for Urology and the Advisory Council for Colon and Rectal Surgery

PS226 | 2:30 - 4:00 pm

Avoiding Reimbursement Pitfalls, Tenth Revision of the International Statistical Classification of Diseases and Related Health Problems (ICD-10), and Audits

Location: W375C

TRACK: HP

MODERATOR: Lee R. Morisy, MD, FACS, *Memphis, TN*

CO-MODERATOR: Chad A. Rubin, MD, FACS, *Columbia, SC*

This session will help surgeons avoid numerous reimbursement pitfalls related to the 10th revision of the International Statistical Classification of Diseases and Related Health Problems (ICD-10) and audits. Beginning October 1, 2015, all Health Insurance Portability and Accountability Act (HIPAA)-covered entities must use ICD-10 codes to bill inpatient claims and for outpatient diagnosis coding. This course will provide surgeons with a comprehensive understanding of the impact the transition from ICD-9-CM to ICD-10-CM will have on their practice and the actionable steps surgeons can put into place to prepare for the implementation of ICD-10. Additionally, the Centers for Medicaid & Medicare Services uses a variety of methods and contractors to audit providers. This session will also describe and differentiate between Recovery Audit System, Comprehensive Error Rate Testing, Zone Program Integrity Contractors, Medicare Administrative Contractor audits, and others. Attendees will learn about the appeals process and how to effectively respond to audits.

Introduction

Lee R. Morisy, MD, FACS, *Memphis, TN*

It's Here! Now What?

Teresa Romano, RN, MBA, CPC, CMDP, *Chicago, IL*

Audit Strategies: What You Need to Know

Teresa Romano, RN, MBA, CPC, CMDP, *Chicago, IL*

Question and Answer with the Experts

Sponsored by the General Surgery Coding and Reimbursement Committee

PS227 | 2:30 - 4:00 pm

Crisis Management in the Operating Room

Location: W375DE

TRACKS: EDU, HP, RUS

MODERATOR: T. Forcht Dagi, MD, DMedSc, MPH, MTS, FACS, FAANS, FCCM, FRCSEd, *Newton Centre, MA*

CO-MODERATOR: Douglas J. E. Schuerer, MD, FACS, *St. Louis, MO*

The use of checklists has entered surgical practice from aviation as part of the time out at the beginning

of the operation. Checklists in aviation were also developed to optimize the management of inflight emergencies. This panel will review the rational for checklists and related cognitive aids in surgical emergencies, and discuss their design and application, validation, deployment, and training in their use, as well as evidence supporting their efficacy. There is mounting evidence that surgical checklists and related cognitive aids should be developed for use in every operating room as a supplement to, rather than a substitute for, surgical experience, expertise, and judgment. Surgeons should become acquainted with the principles of checklist development and use to improve team response in surgical emergencies.

Introduction

T. Forcht Dagi, MD, DMedSc, MPH, FACS, FAANS, FCCM, FRCSEd, *Newton Centre, MA*

Optimizing the Use of Cognitive Aids during Surgical Crisis

T. Forcht Dagi, MD, DMedSc, MPH, FACS, FAANS, FCCM, FRCSEd, *Newton Centre, MA*

Developing Cognitive Aids for Crisis in the Perioperative Setting

Alexander Hannenberg, MD, FCCM, *Newton, MA*

Surgical Crisis Management and Training

Raphael Bueno, MD, FACS, *Boston, MA*

Sponsored by the Committee on Perioperative Care

PS228 | 2:30 - 4:00 pm

Chronic Pancreatitis: Current Surgical and Nonsurgical Treatment

Location: W375A

TRACK: GEN

MODERATOR: Katherine A. Morgan, MD, FACS, *Charleston, SC*

CO-MODERATOR: Nicholas J. Zyromski, MD, FACS, *Indianapolis, IN*

Chronic pancreatitis can be a frustrating disease for surgeons. The varied etiologies of the disease, the often difficult patients, and the wide variety of surgical and nonsurgical approaches to management make for a complex treatment scenario. This session will cover evaluation and management strategies and review the surgical procedures to guide proper surgical decision making for these patients.

Introduction

Katherine A. Morgan, MD, FACS, *Charleston, SC*

Medical Management of Chronic Pancreatitis: A New Paradigm?

Katherine A. Morgan, MD, FACS, *Charleston, SC*

Therapeutic Endoscopy for Chronic Pancreatitis: What's the Role of the Scope?

Gregory A. Cote, MD, *Charleston, SC*

Surgical Management of Chronic Pancreatitis: To Cut Is to Cure

John D. Christein, MD, FACS, *Birmingham, AL*

Total Pancreatectomy with Islet Autotransplantation for Chronic Pancreatitis: The Radical Cure?

Jeffrey B. Matthews, MD, FACS, *Chicago, IL*

Challenging Cases for Panel

Nicholas J. Zyromski, MD, FACS, *Indianapolis, IN**Sponsored by the Program Committee***PS229 | 2:30 - 5:45 pm****Ethics Colloquium: Disclosure and the Ethical Surgeon***Location: W175*

TRACK: ETH

MODERATOR: Henri R. Ford, MD, MHA, FACS, *Los Angeles, CA*CO-MODERATOR: Eric A. Singer, MD, *New Brunswick, NJ*

Disclosure is often the recommended strategy for managing multiple issues that arise in the surgical setting. Although disclosure is frequently critical for maintaining the patient-physician relationship, it can also be challenging, potentially harmful to the patient, and even ineffective in managing certain conflicts. This case-based session will discuss the challenges of disclosure and truth telling in different settings and offer strategies and solutions for determining when and how to best disclose information to patients. Clinical scenarios include discussion of errors of other surgeons, surgeon experience, availability of technology in competing health care systems, resident participation in the operating room, and potential impairment from sleep deprivation. Presenters will discuss the pros and cons of disclosure as well as offer strategies for handling disclosure when indicated.

Introduction

Eric A. Singer, MD, *New Brunswick, NJ*

Ethics Consult: Case 1

Mary E. Klingensmith, MD, FACS, *St. Louis, MO*Chryssa McAlister, MD, MHSc, FRCSC, *Toronto, ON*

Ethics Consult: Case 2

Luke P. Brewster, MD, PhD, FACS, *Atlanta, GA*Anne C. Mosenthal, MD, FACS, *Newark, NJ*

Ethics Consult: Case 3

Catherine J. Hunter, MD, FACS, *Chicago, IL*Scott B. Grant, MD, FACS, *New Brunswick, NJ*

Ethics Consult: Case 4

T. Forcht Dagi, MD, MPH, DMedSc, MBA, FAANS, FACS, FCCM, *Newton Centre, MA*Steve Rothenberg, MD, FACS, *Denver, CO**Sponsored by the Committee on Ethics***PS230 | 4:15 - 5:45 pm****Neoadjuvant Therapy for Breast Cancer: It's a Team Effort***Location: W375B*

TRACK: GEN

MODERATOR: Tina W.F. Yen, MD, MS, FACS, *Milwaukee, WI*CO-MODERATOR: Elizabeth A. Mittendorf, MD, PhD, FACS, *Houston, TX*

This panel discussion will focus on patient selection for neoadjuvant therapy. The role of sentinel node and axillary dissection prior or following neoadjuvant

therapy and breast conservation will be discussed as will skin and nipple-sparing mastectomies, types of reconstruction as well as timing of reconstruction. Indications for axillary ultrasound and biopsy as well as magnetic resonance imaging in the initial workup and recommendations for follow-up imaging will be addressed. Current neoadjuvant chemotherapy agents and the role of neoadjuvant antiestrogen therapy in the postmenopausal woman will be discussed. The panel will also discuss whether radiation treatment is recommended based on clinical stage or pathological stage following treatment.

Introduction

Tina W.F. Yen, MD, MS, FACS, *Milwaukee, WI*

Initial Workup and Patient Selection

Elizabeth A. Mittendorf, MD, PhD, FACS, *Houston, TX*

Radiation and Reconstruction Considerations

Mehra Golshan, MD, FACS, *Boston, MA*

Systemic Treatment Options

William Gradishar, MD, FACP, *Chicago, IL*

Breast and Axillary Surgery Options

Jacqueline S. Jeruss, MD, PhD, FACS, *Chicago, IL*

Panel Discussion

Tina W.F. Yen, MD, MS, FACS, *Milwaukee, WI**Sponsored by the Advisory Council for General Surgery***PS231 | 4:15 - 5:45 pm****Challenging Emergency Surgery Cases: Lessons from the Experts***Location: W375DE*

TRACKS: ETH, RUS, TRA

MODERATOR: Jose J. Diaz, Jr., MD, FACS, FCCM, *Baltimore, MD*CO-MODERATOR: Grace S. Rozycki, MD, FACS, *Indianapolis, IN*

Because of the breadth and complexity of emergency surgery, a night on call can present a bewildering array of cases. This session will present a panel of experts with a series of actual cases encountered while on call and elicit how they would manage them. An active audience interactive session will be encouraged. (An audience response system will be used.)

Introduction

Jose J. Diaz, MD, FACS, FCCM, *Baltimore, MD*

Acute Perforated Gangrenous Cholecystitis

Nathan T. Mowery, MD, *Winston-Salem, NC*

Ischemic Sigmoid Volvulus

Oliver L. Gunter, MD, FACS, *Nashville, TN*

Perforated Diverticulitis in the Geriatric Patient

Bellal Joseph, MD, FACS, *Tucson, AZ*

Incarcerated/Strangulated Ventral Hernia

Jose J. Diaz, Jr., MD, FACS, FCCM, *Baltimore, MD**Sponsored by the Advisory Council for General Surgery and the Committee on Trauma*

PS232 | 4:15 - 5:45 pm

Pelvic Organ Prolapse: Multidisciplinary Strategies for Care

Location: W185

TRACKS: CRS, URO

MODERATOR: Elizabeth R. Mueller, MD, FACS, MSME, Maywood, IL

CO-MODERATOR: Madhulika G. Varma, MD, FACS, San Francisco, CA

The prevalence of pelvic floor disorders will increase by 50 percent over the next three years, thus requiring increased interaction between specialties to address the concomitant disorders of urinary incontinence and vaginal and rectal prolapse. Urologists, obstetricians/gynecologists and colorectal surgeons will need to work together in a landscape made more challenging due to recent class action litigation and changes in clinical trials methodology. Appropriate use of native tissue and implants and the management of mesh complications will be addressed by a multidisciplinary panel.

Introduction

Elizabeth R. Mueller, MD, MSME, FACS, Maywood, IL

Anterior Compartment Prolapse

Elizabeth R. Mueller, MD, MSME, FACS, Maywood, IL

Posterior Compartment Prolapse

Ian M. Paquette, MD, FACS, Cincinnati, OH

Case Presentations: Posterior Vaginal Wall Prolapse/Rectocele, Concomitant Rectal and Uterine POP:

Approaches, Role of Mesh

Madhulika G. Varma, MD, FACS, San Francisco, CA

Case Presentations

Muneera R. Kapadia, MD, FACS, Iowa City, IA

Sponsored by the Advisory Council for Urology and the Advisory Council for Colon and Rectal Surgery

PS233 | 4:15 - 5:45 pm

Management of Trauma of the Subaxial Spine

Location: W475

TRACKS: NEU, ORT, TRA

MODERATOR: Arthur L. Jenkins III, MD, FACS, New York, NY
CO-MODERATOR: Daniel W. Green, MD, FACS, New York, NY

Spine trauma in the adult is one of the leading contributors to health care costs of young men (and women) and is responsible for the most extensive loss of productive years to society in terms of participation to the workforce. Though not all spine trauma results in neurological deficit, all spine trauma results in time lost from work and significant costs to society. This session will explore the various injuries sustained in spine trauma and the most recent advances in instrumentation and approaches.

Introduction

Arthur L. Jenkins III, MD, FACS, New York, NY

**Subaxial Cervical Spinal Cord Injury: Experimental Paradigms and New Treatment Options**

Faiz U. Ahmad, MD, MCh, Atlanta, GA

Subaxial Cervical Spinal Cord Injury: Current Challenges to Implementation of Best Practices

Arthur L. Jenkins III, MD, FACS, New York, NY

Sponsored by the Advisory Council for Neurological Surgery and the Advisory Council for Orthopaedic Surgery

PS234 | 4:15 - 5:45 pm

Reducing Perioperative Cardiac Risk: Where's the Evidence?

Location: W375A

TRACKS: CTS, GEN

MODERATOR: Mary T. Hawn, MD, FACS, Stanford, CA

CO-MODERATOR: Cynthia K. Shortell, MD, FACS, Durham, NC

This session will review risk factors for adverse cardiac events, the role of preoperative diagnostic testing and screening for cardiac disease, the updated recommendations from the American College of Cardiology/American Heart Association for management of patients with coronary stents, the role of medications in reducing cardiac risk (perioperative ischemic evaluation 1 and perioperative ischemic evaluation 2 trials) and postoperative management.

Introduction

Mary T. Hawn, MD, FACS, Stanford, CA

Preoperative Risk Assessment: Who, When, Why, and How?

Taylor S. Riall, MD, PhD, FACS, Galveston, TX

Preoperative Revascularization: Is There a Benefit?

Faisal G. Bakaeen, MD, FACS, Houston, TX

Medical Optimization of the High-Risk Cardiac Patient

James B. Froehlich, MD, MPH, FACC, FAHA, Ann Arbor, MI

Postoperative Management of the High-Risk Cardiac Patient

Robert G. Sawyer, MD, FACS, Charlottesville, VA

Sponsored by the Committee on Perioperative Care

PS235 | 4:15 - 5:45 pm

Computed Tomography (CT) Technology in the Evaluation of the Injured Patient: Is it Worth "Choosing Wisely" or Better to "Pan-Scan"?

Location: W179

TRACKS: PED, RUS, TRA

MODERATOR: Michael J. Sise, MD, FACS, San Diego, CA

CO-MODERATOR: Patrick K. Kim, MD, FACS, Philadelphia, PA

Computed tomography (CT) technology continues to improve and its use in the evaluation of the injured patient continues to increase. Concerns about costs and radiation exposure have caused some health care decision makers to question this aggressive use of CT technology in this setting. Experts will discuss risks



and benefits of CT use in these patient populations and examine potential opportunities to rationally use this technology.

Introduction

Michael J. Sise, MD, FACS, *San Diego, CA*

Debate 1: Torso Computed Tomography (CT) scan is Essential in the Workup of Blunt Abdominal Trauma

Pro: Brian P. Smith, MD, FACS, *Haddonfield, PA*

Con: G. Paul Dabrowski, MD, FACS, *Phoenix, AZ*

Debate 2: Computed Tomography (CT) Scan is Over Utilized in the Evaluation of Head and Neck Trauma

Pro: Vishal Bansal, MD, FACS, *San Diego, CA*

Con: Carlos V.R. Brown, MD, FACS, *Austin, TX*

Sponsored by the Committee on Trauma

PS236 | 4:15 - 5:45 pm

Better Outcomes through Preoperative

Optimization: Getting Your Patients Strong for Surgery

Location: W194

TRACKS: GEN, HP

MODERATOR: David R. Flum, MD, MPH, FACS, *Seattle, WA*

CO-MODERATOR: Carlos A. Pellegrini, MD, FACS, FRCSI(Hon.), *Seattle, WA*

A patient's risk of negative outcomes is often predetermined based on their risk characteristics, but also potentially modifiable in the days and weeks leading up to an operation. Although much of the focus of quality initiatives is on in-hospital care, surgeons also have an opportunity to reduce complications by a standardized approach to patient optimization before hospitalization. The evidence related to preoperative optimization through smoking cessation, nutrition, medication management, and glucose homeostasis will be reviewed and attendees will be offered step-by-step approaches to implementing effective office-based risk-reducing strategies. The session will introduce the American College of Surgeons-supported Strong for Surgery initiative, a program that brings presurgery checklists to physicians' offices to improve clinical outcomes and keep surgeons ahead of the quality initiative curve.

Introduction

David R. Flum, MD, MPH, FACS, *Seattle, WA*

Opportunity for Surgeons in Optimizing Preoperative Health: An Introduction to the Strong for Surgery Concept and Big-Strokes Program

Carlos A. Pellegrini, MD, FACS, FRCSI(Hon.), *Seattle, WA*

Optimization Targets: The Evidence: Immunonutrition

Robert G. Martindale, MD, FACS, *Portland, OR*

Optimization Targets: The Evidence: Diabetes and Pre-Diabetes Screening

Mary T. Hawn, MD, FACS, *Stanford, CA*

Optimization Targets: The Evidence: Functional Status

Liane S. Feldman, MD, FACS, *Montreal, QC*

Optimization Targets: The Evidence: Smoking

Fergal Fleming, MD, FACS, *Pittsford, NY*

Success Stories

Thomas K. Varghese, Jr., MB, BS, FACS, *Salt Lake City, UT*

Sponsored by the Surgical Research Committee

PS237 | 4:15 - 5:45pm

The Art of Medicine: Redefining the Patient Experience for Quality, Improved Outcomes, and Value

Location: W181

MODERATOR: Doug Rosendale, DO, FACOS, *Grand Junction, CO*

CO-MODERATOR: Mark A. Malangoni, MD, FACS, *Philadelphia, PA*

There are no proxies for high quality surgical care. Value is based on measurable risk adjusted clinical outcomes at an affordable cost. Our session will address the nuanced approaches surgeons can take in order to provide value to our patients, and how personalized care of the future depends on aligning our combined efforts. We will discuss factors including clinical evidence, patient-reported outcomes, osteopathic principles, holistic approaches to patient care, and improved processes culminating in a "learning health system." Whether it be pragmatic adherence to evidence-based guidelines, greater listening, biomechanics and the "touch factor," or spiritual mentoring, developing a relationship with the patient and building trust is an essential component of surgical care. What is the nexus of art and science of surgical care? This session will tackle the barriers and opportunities for a healthier future for surgical patients.

Mandip Atwal, DO, FACOS, *Center Line, MI*

Clifford Y. Ko, MD, MS, MSHS, FACS, *Chicago, IL*

Sponsored by the Division of Education

Wednesday, October 7

PS300 | 8:00 - 9:30 am

Transanal Approaches to Colorectal Disease

Location: W176

TRACKS: CRS, GEN, RUS

MODERATOR: Peter A. Cataldo, MD, FACS, *Burlington, VT*

CO-MODERATOR: Patricia Sylla, MD, FACS, FACRS, *New York, NY*

A wide variety of exciting and new techniques have arisen in recent years to treat colorectal disease, building on minimally invasive platforms. These include transanal endoscopic microsurgery, transanal minimally invasive surgery, and natural orifice transluminal endoscopic surgery.

Introduction

Peter A. Cataldo, MD, FACS, *Burlington, VT*

Advanced Endoscopic Strategies for Complex Colorectal Lesions

Sergey Kantsevov, MD, PhD, *Baltimore, MD*

Transanal Endoscopic Surgery When Traditional Transanal Excision Is Just Not Enough

Joshua I. Bleier, MD, FACS, FASCRS, *Philadelphia, PA*

Proctectomy for Benign and Malignant Disease: Techniques and Outcomes

Tobjorn Holm, MD, *Stockholm, SE*

Transanal Total Mesorectal Excision

Antonio M. Lacy, *Barcelona, Spain*

Novel Transanal Strategies for Colorectal Complications

Alessio Pigazzi, MD, PhD, FACS, *Orange, CA*

Panel Discussion

Patricia Sylla, MD, FACS, FACRS, *New York, NY*

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS301 | 8:00 - 9:30 am

Chest Trauma Can Be Tricky: Information All General Surgeons Will Want to Know

Location: W375DE



TRACKS: CTS, GEN, TRA

MODERATOR: Thomas R. Howdieshell, MD, FACS, *Albuquerque, NM*

General surgeons often are presented with patients with significant chest trauma. This panel will discuss the following: state-of-the-art management of chest trauma, blunt trauma, rib fractures, and pulmonary contusion—how to prevent morbidity and mortality; managing bleeding both in blunt and penetrating trauma; and how much bleeding is too much—when to operate and video-assisted thoroscopic surgery versus thoracotomy. Managing empyema and organized clot. The panel will also address diaphragmatic injuries—how to detect them and whether they all need to be repaired.

Introduction

Thomas R. Howdieshell, MD, FACS, *Albuquerque, NM*

Damage Control Management of Thoracic Injury

James V. O'Connor, MD, FACS, *Baltimore, MD*

Management of Post-Traumatic Retained Hemothorax

Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*

Evaluation and Management of Penetrating Cardiac Box Injury

Marco Ricci, MD, MBA, FACS, *Albuquerque, NM*

Diagnosis and Management of Diaphragmatic Trauma

Thomas R. Howdieshell, MD, FACS, *Albuquerque, NM*

Sponsored by the Advisory Council for General Surgery

PS302 | 8:00 - 9:30 am

Nonoperative Treatment for Appendicitis: Who, How, and Why?

Location: W375B



TRACK: GEN

MODERATOR: Timothy M. Farrell, MD, FACS, *Chapel Hill, NC*

CO-MODERATOR: Ronald B. Hirschl, MD, FACS, *Ann Arbor, MI*

Appendectomy has long been the only acceptable treatment for acute appendicitis. Recent trends in modern management of appendicitis are changing, and nonsurgical management is becoming much more common. Management with antibiotics and with radiologic drainage procedures has become the preferred treatment for appendicitis with phlegmon and for appendicitis with abscess. Management of simple, uncomplicated appendicitis with antibiotics and without appendectomy is being used more widely. This session will present evidence-based recommendations on use of the rapidly changing management schemes in appendicitis.

Introduction

Timothy M. Farrell, MD, FACS, *Chapel Hill, NC*

Appendicitis from a Population Health Perspective

Dana A. Telem, MD, FACS, *Stony Brook, NY*

Management of Early Appendicitis in Children

Peter C. Minneci, MD, FACS, *New Albany, OH*

Management of Complicated Appendicitis in Children

Daniel J. Ostlie, MD, FACS, *Madison, WI*

Management of Early Appendicitis in Adults

Mark A. Talamini, MD, FACS, *Stony Brook, NY*

Panel Session

Timothy M. Farrell, MD, FACS, *Chapel Hill, NC*

Sponsored by the Advisory Council for General Surgery and the Program Committee

PS303 | 8:00 - 9:30 am

Advanced Techniques in Pediatric Laparoscopy

Location: W175



TRACKS: GEN, PED

MODERATOR: Jacqueline M. Saito, MD, FACS, *St. Louis, MO*

CO-MODERATOR: Richard Keijzer, MD, PhD, FACS, *Winnipeg, MB*

This session will focus on the major controversies encountered in the use of standard multi-port versus single-port techniques for laparoscopy in neonates and children. Evidence regarding utility, techniques, and outcomes will be discussed. This session will be managed in a point/counterpoint fashion to stimulate discussion and audience participation.

Current Applications of Single-Incision Laparoscopy in Infants and Children

Richard Keijzer, MD, PhD, FACS, *Winnipeg, MB*

Technical Considerations, Modifications, and Limitations of Pediatric Laparoscopy

Carroll M. Harmon, MD, FACS, *Buffalo, NY*

Outcomes and Complications of Pediatric Single-Incision Laparoscopy

Shawn D. St. Peter, MD, FACS, *Kansas City, MO*

Single-Incision Laparoscopy in Pediatric Urology

Walid A. Farhat, MD, *Toronto, ON*

Panel Question and Answer

Jacqueline M. Saito, MD, FACS, *St. Louis, MO*

Sponsored by the Advisory Council for Pediatric Surgery

PS304 | 8:00 - 9:30 am
Blood Thinners Are Getting Stronger and Harder to Reverse

Location: W375A

TRACKS: GEN, NEU, VAS

MODERATOR: Timothy C. Fabian, MD, FACS, *Memphis, TN*
 CO-MODERATOR: Addison K. May, MD, FACS, *Nashville, TN*

There has been a frightening trend toward more potent anti-platelet and anticoagulant medication to treat everything from coronary artery disease to strokes to atrial fibrillation. What does the general surgeon need to know about these medications? How do they impact surgery and recovery? Can these medications be reversed in a timely fashion for emergent operations? And if not, what are the options and risks? This panel will discuss the current literature regarding novel anti-platelet and anticoagulant therapy—specifically, what the general surgeon needs to know to protect his/her patient in an emergency.

Introduction

Timothy C. Fabian, MD, FACS, *Memphis, TN*

Warfarin: One of the Most Dangerous Drugs on the Formulary

Jordan A. Weinberg, MD, FACS, *Memphis, TN*

Are the Following Safer than Warfarin? Dabigatran (Pradaxa), Rivaroxaban (Xarelto), and Apixaban (Eliquis)?

Paul B. McBeth, MD, *Memphis, TN*

Anti-Platelet Agents: Seems Like Everyone Is on Them!—Aspirin and Clopidogrel (Plavix)

Babak Sarani, MD, FACS, *Washington, DC*

When to Reverse and When to Restart: Emergent, Urgent, Elective?

Louise Yeuk Yan Yeung, MD, *Oakland, CA*

Summary

Addison K. May, MD, FACS, *Nashville, TN*

Sponsored by the Advisory Council for General Surgery and the Committee on Trauma

PS305 | 8:00 - 9:30 am
What Works and What Doesn't: An Update on Wound Healing

Location: W196BC

TRACK: PLA

MODERATOR: Dennis P. Orgill, MD, FACS, PhD, *Boston, MA*
 CO-MODERATOR: David V. Feliciano, MD, FACS, *Indianapolis, IN*

This session will discuss historic options for managing the open wound: (1) what works and doesn't work in skin grafting, (2) negative pressure wound therapy and antimicrobials, (3) teaching residents and family members wound care, and (4) how to best prepare complex wounds for closure.

Introduction

Dennis P. Orgill, MD, FACS, PhD, *Boston, MA*

What Works and Doesn't Work in Skin Grafting?

Elof Eriksson, MD, FACS, *Boston, MA*



Negative Pressure Wound Therapy and Antimicrobials: What Works?

Dennis P. Orgill, MD, PhD, FACS, *Boston, MA*

Can I Teach Residents and Family Members to Do Wound Care?

David V. Feliciano, MD, FACS, *Indianapolis, IN*

How Do I Best Prepare Complex Wounds for Closure?

Charles E. Butler, MD, FACS, *Houston, TX*

Sponsored by the Patient Education Committee and the Advisory Council for Plastic and Maxillofacial Surgery

PS306 | 8:00 - 9:30 am
Treatment of Chronic Venous Disease: Superficial to Deep

Location: HMPCC Grant Park AB

TRACKS: GEN, PLA, VAS

MODERATOR: Cassius Iyad Ochoa Chaar, MD, MS, FACS, *Guilford, CT*

CO-MODERATOR: Brajesh K. Lal, MD, FACS, *Baltimore, MD*

Session attendees will be able to compare techniques of varicose vein treatment, including open and minimally invasive options. Discussion will assess the role of perforator disease and how to manage it. The role of vascular assessment and treatment in the care of patients with difficult-to-treat wounds will be described, including fundamentals of wound management of venous leg ulcers and amputation stump ulcers. In addition we will describe the current therapy for acute and chronic venous thromboembolism and evaluate which treatment is most appropriate for a given clinical setting. We will assess the current state of inferior vena cava filter use and formulate a strategy to deal with clinical pitfalls.

Introduction

Cassius Iyad Ochoa Chaar, MD, MS, FACS, *Guilford, CT*

Superficial Venous Disease: What Is It, When to Treat, and Thermal Ablation

John Blebea, MD, FACS, *Tulsa, OK*

Superficial Venous Disease: Non-Thermal Treatment and Adjunctive Therapy

Lowell S. Kabnick, MD, RPhS, FACS, FACPh, *New York, NY*

Deep Vein Thrombosis: When to Pull Out Wires and Catheters?

Rabih A. Chaer, MD, FACS, *Pittsburgh, PA*

Endovascular Interventions for Chronic Deep Vein Obstruction

Anil P. Hingorani, MD, FACS, *Brooklyn, NY*

Inferior Vena Cava Filters: When to Place and When to Retrieve?

John E. Rectenwald, MD, FACS, *Ann Arbor, MI*

Sponsored by the Advisory Council for Vascular Surgery

PS307 | 8:00 - 9:30 am
Women's Health Day: Gynecology for the Non-Gynecologic Surgeon

Location: W194



TRACKS: GEN, OBG, RUS

MODERATOR: Carrie L. Wieneke, MD, FACOG, FACS, *Kansas City, KS*

CO-MODERATOR: Sean C. Dowdy, MD, FACS, *Rochester, MN*

This session will update surgeons outside of obstetrics and gynecology on what's new in gynecology and how to address unanticipated gynecologic issues in their patients. (1) Advances in pelvic robotic surgery; (2) What's new in gynecologic cancer screening; (3) How to manage ovarian lesions when you went in for something else; and (4) Gynecologic emergencies: what are they and how to manage them?

Gynecologic Surgical Emergencies

Amanda Nickles Fader, MD, *Baltimore, MD*

Gynecologic Considerations for the Patient with Lynch Syndrome

Carrie Langstraat, MD, FACS, *Rochester, MN*

Gynecologic Considerations for the Patient with Breast Cancer

Jamie N. Bakkum Gamez, MD, *Rochester, MN*

Adnexal Masses

Kimberly Swan, MD, *Kansas City, KS*

Sponsored by the Women in Surgery Committee

PS308 | 8:00 - 9:30 am

What Do We Do Now? Surgical Decision Making in Advanced Illness

Location: HMPCC Grant Park CD

TRACKS: ETH, GEN, GER

MODERATOR: Anne C. Mosenthal, MD, FACS, *Newark, NJ*

CO-MODERATOR: Lewis M. Flint, MD, FACS, *Chicago, IL*

In this highly interactive, case-based session, an expert panel of acute care surgeons will use an evidenced-based approach (based on the American College of Surgeons Evidenced-Based Decisions in Surgery) for surgical decision-making, prognostication, and employing palliative approaches for patients with surgical problems near the end of life. Cases will include: (1) small bowel obstruction in advanced malignancy; (2) enteral access in advanced dementia; and (3) intestinal perforation in frail elderly. Discussants will debate each case for 15–20 minutes in a point/counterpoint format, and the audience will participate using the audience interactive response system. Relevant evidence from surgery and palliative care will be summarized at the conclusion of each case.

Introduction

Anne C. Mosenthal, MD, FACS, *Newark, NJ*

Panelists:

J. David Richardson, MD, FACS, *Louisville, KY*

Donald E. Fry, MD, FACS, *Chicago, IL*

Gregory J. Jurkovich, MD, FACS, *Denver, CO*

Malignant Bowel Obstruction

Fabian M. Johnston, MD, *Milwaukee, WI*

Feeding Tubes in Dementia

Christine C. Toevs, MD, FACS, *Pittsburgh, PA*

Perforated Viscus in Frail Elderly

Ana Berlin, MD, *New York, NY*

Sponsored by the Committee on Surgical Palliative Care

PS309 | 8:00 - 11:15 am

Surgical Jeopardy

Location: W375C

TRACK: RES/MED

MODERATOR: Mark W. Bowyer, MD, FACS, *Bethesda, MD*

CO-MODERATORS:

David R. Arbutina, MD, FACS, *Port Matilda, PA*

James W. Cook, MD, *Falls Church, VA*

Afif N. Kulaylat, MD, *Hershey, PA*

James E. Wiedeman, MD, FACS, *Mather, CA*

A total of 24 teams of two will vie for the most points in this hilariously executed game of knowledge.

SPEAKERS:

Mark W. Bowyer, MD, FACS, *Bethesda, MD*

Afif N. Kulaylat, MD, *Hershey, PA*

Surgical Jeopardy Judge

James Eric Wiedeman, MD, FACS, *Mather, CA*

Surgical Jeopardy Judge

David R. Arbutina, MD, FACS, *Port Matilda, PA*

Surgical Jeopardy Judge

James W. Cook, MD, *Falls Church, VA*

Allegheny General Hospital

Rachel P. Tindall, MD, *Pittsburgh, PA*

Zachary J. Peckler, MD, *Pittsburgh, PA*

Beth Israel Deaconess Medical Center Tovy

Haber Kamine, MD, *Boston, MA*

Thomas Curran, *Boston, MA*

Christiana Care Health System

Jason M. Weinberger, DO, *Wilmington, DE*

Gregory K. Nissen, MD, *Bear, DE*

Conemaugh Memorial Medical Center

Paul D. Williams, MD, *Johnstown, PA*

Anthony Miller, MD, *Johnstown, PA*

Einstein Healthcare Network

Luanne M. Force, MD, *Philadelphia, PA*

Lawrence Cetrulo, MD, *Philadelphia, PA*

Good Samaritan Hospital

Shahryar Tork, MD, *Cincinnati, OH*

Melissa Felinski, DO, *Cincinnati, OH*

Houston Methodist General Surgery

Govardhana R. Yannam, MB, BS, *Houston, TX*

Matthew Piotrowski, MD, *Houston, TX*

Loma Linda University Program

Jason Fawley, MD, *Loma Linda, CA*

Matthew J. Selleck, DO, *Redlands, CA*

Louisiana State University Shreveport

Frank B. Pearce, MD, *Shreveport, LA*

Lloyd Jones, *Shreveport, LA*

Mount Carmel Health System

Alisha D. Reiss, MD, *Columbus, OH*

Charles Hartranft, DO, *Columbus, OH*

Oregon Health and Science University
Sheena Kim Harris, MD, *Portland, OR*
Jennifer M. Burg, MD, *Portland, OR*

St. Agnes Hospital
Andrew Demeusy, MD, *Baltimore, MD*
Xihua Yang, MD, *Baltimore, MD*

Sinai Hospital of Baltimore
Thamer Qaqish, MD, *Baltimore, MD*
ArifRiaz Chaudhry, MD, *New York, NY*

Texas Tech University Health University Health
Sciences Center
Hashim Hanif, MB, BS, *El Paso, TX*
Yuichi Ishida, MD, *El Paso, TX*

UCSF Fresno
Jonathan C. Romanyshyn, MD, *Fresno, CA*
Kirellos Raafat Zamary, MD, *Fresno, CA*

University of Alabama Hospital
Brett L. Broussard, MD, *Birmingham, AL*
Rodney Tyler Harney, MD, *Birmingham, AL*

The University of Arizona
Maria Michailidou, MD, *Tucson, AZ*

University of Illinois at Chicago
Aslam Ejaz, MD, MPH, *Chicago, IL*
Samer Alexander Naffouje, MD, *Chicago, IL*

University of Michigan
Patrick E. Georgoff, MD, *Ann Arbor, MI*
Peter White, MD, *Ann Arbor, MI*

University of Minnesota
Elliot G. Arsoniadis, MD, *Minneapolis, MN*
John Spratt, MD, *Minneapolis, MN*

University of South Alabama
Daniel Freno, MD, *Mobile, AL*
Gregory M. Quatrino, MD, *Mobile, AL*

University of Virginia
Taryn Hassinger, MD, *Charlottesville, VA*
William F. Johnston, MD, *Charlottesville, VA*

Virginia Tech Carilion Clinic School of Medicine
Victor E. Starns, MD, *Roanoke, VA*
John S. Rudderow, DO, *Boones Mill, VA*

Sponsored by the Resident and Associate Society

PS310 | 9:45 - 11:15 am
Surgical Team-Building: The Role of
Interprofessional Education in Developing a Highly
Functioning Care Team

Location: HMPCC Grant Park AB

TRACKS: EDU, HP

MODERATOR: Reid B. Adams, MD, FACS, *Charlottesville, VA*

Increasing complexity of health care delivery leads to more complicated interactions between members of the health care delivery team. As a result, team-based care is replacing independent, solo practice as the care model. Thus, high-functioning teams are necessary to provide safe, high-quality patient care. Developing these teams, in which team members effectively communicate, work together, and solve

“system”-related issues, requires a purposeful approach. Interprofessional education provides a structured curriculum for formal training in interpersonal team dynamics, which leads to improved clinical outcomes. This panel presents the tenets of interprofessional education, how these principles are used to develop teams to deliver quality care, and provides specific examples using a case-based approach to illustrate the application of these principles to surgical practice.

Introduction

Reid B. Adams, MD, FACS, *Charlottesville, VA*

Surgeons as Leaders in the Evolving Health Care Environment

Vicente H. Gracias, MD, FACS, *New Brunswick, NJ*

Linking Interprofessional Education to Improved Practice Outcomes: The Institute of Medicine Report

Valentina Brashers, MD, FACP, FNAP, *Charlottesville, VA*

Principles of Interprofessional Education and Their Applications to Practice

Valentina Brashers, MD, FACP, FNAP, *Charlottesville, VA*

Sponsored by the Committee on Interprofessional Education and Practice

PS311 | 9:45 - 11:15 am
Current Controversies in Diagnosis and
Management of Appendicitis in Children
Location: W375B



TRACKS: GEN, PED, RUS

MODERATOR: Katherine J. Deans, MD, FACS, *Columbus, OH*

CO-MODERATOR: Max Raymond Langham, MD, FACS, *Memphis, TN*

This session will focus on the major controversies encountered in the management of appendicitis in children. Evidence regarding the need for, and timing of, surgical intervention and technical issues will be presented. This session will involve a point/counterpoint discussion of the data, and will appeal to both pediatric and general surgeons involved in the care of this commonly encountered entity.

Introduction

Katherine J. Deans, MD, FACS, *Columbus, OH*

Computerized Tomography Scans Confer Both Individual and Population-Level Medical Risk from Radiation Exposure

Daniel Lodwick, MD, *Columbus, OH*

The Value Proposition of Using Ultrasonography First Rather than Computerized Tomography Scans in Diagnosing Acute Appendicitis

Eunice Yuee Dean Huang, MD, FACS, *Memphis, TN*

Antibiotics Alone Provide a Safe and Effective Treatment for Early Acute Appendicitis

Peter C. Minneci, MD, FACS, *New Albany, OH*

There Is Only One Way to Make Sure That Appendicitis Does Not Come Back

Charles Matthew Leys, MD, FACS, *Madison, WI*

The Early Bird Gets the Worm...Out
Regan F. Williams, MD, *Memphis, TN*

Delaying Appendectomy Is Safe and May Result in Not
Needing to Operate at All
Mehul V. Raval, MD, *Atlanta, GA*

Sponsored by the Advisory Council for Pediatric Surgery

PS312 | 9:45 - 11:15 am
Fistulas, Shunts, and Peritoneal Dialysis
Catheters: Tricks of the Trade

Location: W192

TRACKS: GEN, VAS

MODERATOR: M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

Americans are using dialysis at an ever-growing rate. In addition to center-based hemodialysis (HD), home-based peritoneal dialysis (PD) is increasing at a rate of 10 percent annually and has some proven benefits over hemodialysis. Both vascular and general surgeons are tapped with placement and management of arteriovenous fistulas and shunts used in HD. Both groups of surgeons are often asked to place PD catheters, yet often have little training in their optimal placement. This panel will focus on practical tips and techniques to both create or place arteriovenous access and PD catheters. It will also describe how to manage common complications such as clotted shunts, flow abnormalities, a nonfunctioning PD catheter or peritonitis.

Introduction

M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

Preoperative Planning and Operative Techniques for
Optimal Peritoneal Dialysis Catheter Function

Rockson Chen Chun Liu, MD, FACS, *Walnut Creek, CA*

Rescuing Malfunctioning Peritoneal Dialysis Catheters

M. Timothy Nelson, MD, FACS, *Albuquerque, NM*

New Tips and Tricks for Dialysis Access

Ellen D. Dillavou, MD, FACS, *Durham, NC*

Troubleshooting Dialysis Access Disasters

Ulka Sachdev, MD, FACS, *Pittsburgh, PA*

*Sponsored by the Advisory Council for General Surgery
and Advisory Council for Vascular Surgery*

PS313 | 9:45 - 11:15 am
Managing Stress and Preventing Burnout:
Strategies and Wellness Habits for Surgeons

Location: W194

TRACKS: GEN, HP, RES/MED

MODERATOR: Sharmila Dissanaik, MD, FACS, *Lubbock, TX*

CO-MODERATOR: Brandon H. Tieu, MD, FACS, *Portland, OR*

Burnout has been shown to affect 40 percent of practicing surgeons, leading to unhappy and prematurely shortened careers as well as having a significant negative impact on personal and professional well-being. In a 2009 survey, 30 percent of surgeons showed signs of clinical depression and 28 percent scored lower

on quality of life scores than the population average. Disturbingly, younger surgeons and surgeons with children were more likely to report these symptoms. Work-life integration strategies may help prevent or ameliorate these situations. This session will include practical scheduling tips to avoid fatigue, discussion of habits that increase stress, prioritization of high-yield career enhancing activities, training in mindfulness, and incorporating regular physical activity into daily lifestyle.

Introduction

Sharmila Dissanaik, MD, FACS, *Lubbock, TX*

Personal Comparative Effectiveness

Julie A. Freischlag, MD, FACS, *Sacramento, CA*

Balancing Career with Family and Personal Life

Kevin M. Reavis, MD, FACS, *Portland, OR*

Emotional Intelligence—The Secret Sauce

Spence Mclean Taylor, MD, FACS, *Greenville, SC*

Mindfulness and Cognitive Reframing Techniques

Sharmila Dissanaik, MD, FACS, *Lubbock, TX*

Sponsored by the Young Fellows Association

PS314 | 9:45 - 11:15 am
The Precarious State of Graduate Medical
Education Funding: What Is the Future?

Location: W474B

TRACKS: EDU, HP, RES/MED

MODERATOR: Glenn T. Ault, MD, FACS, *Los Angeles, CA*

CO-MODERATOR: Celia Divino, MD, FACS, *New York, NY*

Currently, most graduate medical education is funded by Medicare and is at a critical state. With the increasing demands on our health care system, there is not only a growing shortage of physicians, but also an increasing danger of a funding shortfall given current federal and state budget constraints as well as the general state of the economy. If government funding fails to meet the needs of our society, what other financial sources are available? This session will feature speakers who can present alternative, even creative multi-stakeholder, ways to fund graduate medical education in the future. Objectives of this panel include: (1) describe how graduate medical education is currently funded; (2) list the challenges to continued adequate funding using current sources; and (3) describe alternative sources of funding for graduate medical education.

Introduction

Glenn T. Ault, MD, FACS, *Los Angeles, CA*

Presenters:

Atul Grover, MD, PhD, FACP, FCCP, *Washington, DC*

Patrick V. Bailey, MD, FACS, *Washington, DC*

John R. Potts III, MD, FACS, *Chicago, IL*

Sponsored by the Committee on Resident Education

PS315 | 9:45 - 11:15 am
Cancer Survivorship Care: What It Is, and How
to Do It

Location: W175

TRACKS: GEN, ONC

MODERATOR: Danny M. Takanishi, Jr., MD, FACS, *Honolulu, HI*

An estimated 14 million cancer survivors exist in the U.S. alone, and this number is increasing. Cancer survivors have unique health care needs, which include physical and/or psychosocial sequelae of treatment, comorbid conditions, and surveillance requirements. Evidence underscores the challenges in meeting their needs and <50 percent of National Cancer Institute Cancer Centers report implementing survivorship care plans. In response to this gap, the 2005 Institute of Medicine report recommends providing survivors with comprehensive care summaries/follow-up plans, and the Commission on Cancer requires the same with its recent standards. Integrating survivorship into cancer care requires a major paradigm shift. This session will provide an overview of the demographics of survivors, their complex needs, and provide a blueprint to address this growing cohort, many of whom are cared for by surgeons.

Introduction

Danny M. Takanishi, Jr., MD, FACS, *Honolulu, HI*

Cancer Survivorship: An Overview

Danny M. Takanishi, Jr., MD, FACS, *Honolulu, HI*

Cancer Survivorship and the American College of Surgeons Commission on Cancer

Daniel P. McKellar, MD, FACS, *Greenville, OH*

How to Implement a Cancer Survivorship Program

Paula M. Termuhlen, MD, FACS, *Milwaukee, WI*

Sustaining a Cancer Survivorship Program

Mary J. Milroy, MD, FACS, *Yankton, SD*

Question and Answer Session

Danny M. Takanishi, Jr., MD, FACS, *Honolulu, HI**Sponsored by the Commission on Cancer*

PS316 | 9:45 - 11:15 am

Women's Health Day: What's New in Body Contouring and Reconstructive Surgery?*Location: W193*

TRACK: PLA

MODERATOR: Dinakar Golla, MD, FACS, *Pittsburgh, PA*CO-MODERATOR: Vikisha Tyese Fripp, MD, FACS, *Washington, DC*

This session will address novel techniques in body contouring and reconstructive surgery, including the following topics: (1) noninvasive body contouring; (2) advances in post-bariatric surgery abdominoplasty techniques; (3) implants, expanders, muscle flaps; (4) and the newest approaches to augmentation from head to toe.

Introduction

Dinakar Golla, MD, FACS, *Pittsburgh, PA*

Breast Surgery: What's New in Cosmetic and Reconstructive Surgery?

David H. Song, MD, FACS, *Chicago, IL**Sponsored by the Women in Surgery Committee*

PS317 | 9:45 - 11:15 am

Infected Mesh: Prevention Strategies and Management*Location: W375A*

TRACKS: GEN, OBG, TRA

MODERATOR: B. Todd Heniford, MD, FACS, *Charlotte, NC*CO-MODERATOR: Bruce Ramshaw, MD, FACS, *Daytona Beach, FL*

The problem of mesh infection has grown as the accepted practices of incisional and ventral hernia repair include the use of mesh in almost all circumstances. This panel will discuss strategies to prevent mesh infection—patient selection, choice of appropriate mesh (synthetic versus biologic) and operative measures. The management of infected mesh is difficult—must the mesh be removed? Might it respond to antibiotic therapy? Can mesh be successfully used in contaminated wounds without subsequent infection?

Introduction

B. Todd Heniford, MD, FACS, *Charlotte, NC*

Patient Preparation and Operative Techniques to Prevent Mesh Infection

Jeffrey E. Janis, MD, FACS, *Dallas, TX*

Absorbable Synthetic Mesh and Mesh Infection Prevention: What Are They? Do They Work?

Alfredo M. Carbonell, DO, FACS, FACOS, *Greenville, SC*

The Use of Synthetic Mesh in Contaminated Fields: Can It Work without Mesh Infection Consequences?

Harry van Goor, MD, PhD, FRCS, *Nijmegen, Netherlands*

Biologic Mesh in Contaminated Hernia Repair: Techniques, Outcomes, and Cost Measures

Igor Belyansky, MD, FACS, *Owings Mills, MD*

Treatment of Infected Mesh: Antibiotics, Surgery, and Long-Term Outcomes

Vedra Abdomerovic Augenstein, MD, *Charlotte, NC*

Question and Answer Session

B. Todd Heniford, MD, FACS, *Charlotte, NC**Sponsored by the Advisory Council for General Surgery*

PS318 | 9:45 - 11:15 am

Tissue Engineering: What's New?*Location: W179*

TRACK: BTR

MODERATOR: Harald C. Ott, MD, *Boston, MA*

The critical need for replacement or repair of body parts is growing. Reports of organs grown in a dish, begun from a patient's own cells, provides a tantalizing view of how surgeons may repair or completely replace parts in the future. New reports suggest vascularized organs, such as the kidney, lung, and heart, can be grown in the lab for direct implantation into patients. The panel will discuss latest strategies in 3-D organ printing, decellularized organs as templates, and current clinical trials. Participants will receive updates on the newest concepts in matrix stem cell



interfaces, induced pluripotent stem cells, synthetic templates, novel proangiogenic strategies, and explore future potential strategies in clinical trials.

Introduction

Harald C. Ott, MD, *Boston, MA*

Integrating Tissue Engineering and Surgical Innovation

Jason A. Wertheim, MD, *Chicago, IL*

Bioengineered Liver: What's New

Alejandro SotoGutierrez, MD, PhD, *Pittsburgh, PA*

Human Biomaterials for Kidney Repair, Regeneration, and Bioengineering

Giuseppe Orlando, MD, PhD, *Winston-Salem, NC*

Tissue Engineered Blood Vessels: From Preclinical Testing to First-in-Man Clinical Trials

Jeffrey H. Lawson, MD, FACS, *Durham, NC*

The Development and Application of Tissue Engineering Technology to Congenital Heart Surgery

Toshiharu Shinoka, MD, PhD, *Columbus, OH*

Sponsored by the Scientific Forum Committee

PS319 | 9:45 - 11:15 am

Challenging Trauma Cases: Lessons from the Experts

Location: W375DE

TRACK: TRA

MODERATOR: Karen J. Brasel, MD, MPH, FACS, *Milwaukee, WI*

CO-MODERATOR: Donald H. Jenkins, MD, FACS, *Rochester, MN*

An audience response system will be employed to allow interaction with the expert panelists as they discuss a series of challenging real-world cases. As with a night on trauma call, operative challenges in all body cavities will be discussed and a lively back and forth encouraged among a distinguished panel of experienced trauma surgeons.

Introduction

Karen J. Brasel, MD, MPH, FACS, *Milwaukee, WI*

Challenging Trauma Cases: Lessons from the Experts

Donald H. Jenkins, MD, FACS, *Rochester, MN*

Sponsored by the Committee on Surgical Skills Training for Practicing Surgeons

PS320 | 12:45 - 2:15 pm

Factors Shaping Surgery Over the 20th Century II

Location: W475

TRACKS: GEN, VAS

MODERATOR: Basil A. Pruitt, Jr., MD, FACS, FCCM, MCCM, *San Antonio, TX*

The American College of Surgeons Surgical History Group (ACS SHG) continues to address the theme inaugurated in 2014 by reviewing an additional four topics that have expanded the scope and quality of surgical care. The application of imaging techniques and modalities to improve both the diagnostic and

therapeutic components of surgical care and infection control measures including the use of effective antimicrobial agents have decreased surgical mortality and set the stage for the emergence of new surgical specialties. The maturation of cardiovascular and transplantation surgery has delivered innovative life and limb-saving operative interventions to surgical patients of all ages. The history and the clinicians/scientists associated with these dramatic advancements offer insights into our future.

Introduction

Basil A. Pruitt, Jr., MD, FACS, FCCM, MCCM, *San Antonio, TX*

Introduction of First Speaker

William B. Inabnet III, MD, FACS, *New York, NY*

Imaging: A Radiology and Surgery Synergism

David Graham, MD, MBA, *Miami, FL*

Infection Control to Purge the Scourge of Sepsis

Hiram C. Polk, MD, FACS, *Louisville, KY*

Cardiovascular Surgery—The Heart of the Matter

Alden H. Harken, MD, FACS, *Oakland, CA*

Transplantation: Surgical Use of Used Parts

Nancy L. Ascher, MD, PhD, FACS, *San Francisco, CA*

Sponsored by the American College of Surgeons History Group

PS321 | 12:45 - 2:15 pm

Necrotizing Soft-Tissue Infections: Time Matters

Location: W375C

TRACKS: GEN, OTO, URO

MODERATOR: Eileen M. Bulger, MD, FACS, *Seattle, WA*

CO-MODERATOR: Stephen W. Lu, MD, FACS, *Albuquerque, NM*

Necrotizing soft-tissue infections (or necrotizing fasciitis, as it is often called) can be a virulent and devastating disease. Principles of management to prevent death and disability center on timely diagnosis and treatment. A panel of experts will discuss how best to recognize these infections and how to achieve best results by timely operative intervention, appropriate resuscitation and antibiotics, consultation with and/or transfer to centers of excellence and reconstruction, including flaps and skin grafting.

Introduction

Eileen M. Bulger, MD, FACS, *Seattle, WA*

Necrotizing Soft-Tissue Infections: Delays in Diagnosis

Eileen M. Bulger, MD, FACS, *Seattle, WA*

Necrotizing Soft-Tissue Infections: Delays in Treatment

Addison K. May, MD, FACS, *Nashville, TN*

Necrotizing Soft-Tissue Infections: Regionalization of Care, Delays in Transfer

Stephen W. Lu, MD, FACS, *Albuquerque, NM*

Panel Discussion: Management of Challenging Necrotizing Soft-Tissue Infection Cases

Donald E. Fry, MD, FACS, *Chicago, IL*

Panel Discussion: Management of Challenging
Necrotizing Soft-Tissue Infection Cases

Kari Anne Keys, *Seattle, WA*

Sponsored by the Advisory Council for General Surgery

PS322 | 12:45 - 2:15 pm

**The Military Health System/American College
of Surgeons Strategic Partnership: Year One Update**

Location: W375A

TRACK: EDU

MODERATOR: M. Margaret Knudson, MD, FACS,
San Francisco, CA

CO-MODERATOR: Eric A. Elster, MD, FACS, *Bethesda, MD*

This session will focus on the progress made over the first year of this strategic partnership with a focus on creation of a surgical home for military surgeons, an objective evaluation of the military's Joint Trauma System and quality initiatives between the Military Health System and the American College Surgeons.

Introduction

M. Margaret Knudson, MD, FACS, *San Francisco, CA*

The Military Health System Strategic Partnership
of the American College of Surgeons (MHSSPACS):

Introduction of Topics and Speakers

M. Margaret Knudson, MD, FACS, *San Francisco, CA*

The MHSSPACS: The ACS Perspective

David B. Hoyt, MD, FACS, *Chicago, IL*

The MHSSPACS: The Military Perspective

Jonathan Woodson, MD, *Washington, DC*

Education and Training of the Military Surgeons

C. William Schwab, MD, FACS, FRCS, *Philadelphia, PA*

Quality Initiatives and the Military Health System

Pierre F. Saldinger, MD, FACS, *Flushing, NY*

The Joint Trauma System

Jay A. Johannigman, MD, FACS, *Cincinnati, OH*

The New Excelsior Society

Eric A. Elster, MD, FACS, *Bethesda, MD*

Combat Casualty Research Program

Colonel Todd E. Rasmussen, MD, FACS, *Fort Detrick, MD*

Sponsored by the Division of Education

PS323 | 12:45 - 2:15 pm

Hepatectomy: Optimizing Outcomes

Location: W375B

TRACK: GEN

MODERATOR: William R. Jarnagin, MD, FACS, *New York, NY*

Hepatectomy continues to be a fundamental component in the curative treatment of colorectal liver metastases, hepatoma, and gallbladder cancers. In this era of medical cost containment, interest in minimally invasive surgery, enhanced recovery protocols and robotic techniques have increased. This session will explore the progress made to minimize the physiologic stress of hepatic resections and review the

evidence-based approaches to optimal postoperative care.

Introduction

William R. Jarnagin, MD, FACS, *New York, NY*

Patient Selection and Intraoperative Management

Mary E. Fischer, MD, *New York, NY*

Preoperative Assessment of Hepatic Function:

Optimizing the Future Liver Remnant

Alan William Hemming, MD, FACS, *San Diego, CA*

Operative Technique: How to Do a Liver Resection

William C. Chapman, MD, FACS, *St. Louis, MO*

Enhanced Recovery Programs in Liver Surgery

Alice Chia Chi Wei, MD, FRCSC, FACS, *Toronto, ON*

Impact of Minimally Invasive Approaches in Hepatic Resection

Horacio J. Asbun, MD, FACS, *Jacksonville, FL*

Sponsored by the Program Committee

PS324 | 12:45 - 2:15 pm

**Women's Health Day: Cardiovascular Disease,
It's Not Just about Men**

Location: W470A

TRACK: CTS

MODERATOR: Daniela Molena, MD, FACS, *Baltimore, MD*

CO-MODERATOR: Melina R. Kibbe, MD, FACS, *Chicago, IL*

Due to the fact that many health care professionals still consider cardiovascular disease a problem specifically associated with men, this session will focus on how to diagnose and treat women with cardiovascular disease. Specific risk factors and tips for prevention will be highlighted.

Introduction

Daniela Molena, MD, FACS, *Baltimore, MD*

The Role of Gender on Cardiovascular Risk: Is It Again
about Hormones?

Donald L. Jones, MD, ScM, *Chicago, IL*

Going Beyond the Surface for Cardiovascular Disease:
The Simplicity of Men vs. the Complexity of Women

Jennifer S. Lawton, MD, FACS, *St. Louis, MO*

Going Beyond the Surface for Peripheral Vascular
Disease: The Simplicity of Men vs. the Complexity of
Women

Ashley K. Vavra, MD, *Aurora, CO*

Helping Women Respond F.A.S.T. to Stroke

Ruth L. Bush, MD, JD, MPH, FACS, *Bryan, TX*

Every Woman Needs a Life Coach for the Prevention
of Cardiovascular Disease

Rupa M. Sanghani, MD, *Chicago, IL*

Final Discussion

Daniela Molena, MD, FACS, *Baltimore, MD*

Sponsored by the Women in Surgery Committee

PS325 | 12:45 - 2:15 pm

**Contemporary Issues in Managing Lower
Extremity Arterial Disease**

Location: W194

TRACK: VAS

MODERATOR: Edward Y. Woo, MD, FACS, *Washington, DC*
CO-MODERATOR: Rebecca L. Kelso, MD, FACS, *Cleveland, OH*

Session attendees will be able to compare techniques for treating lower extremity peripheral vascular disease, including medical management and when to consider open surgical or endovascular options. Management of specific vascular anatomical territories, for example, aortoiliac, femoral, and tibial segments, will be discussed. Considerations for specific patient populations, including diabetes and obesity will be addressed. Contemporary barriers to widespread adoption of stem cell therapy will also be discussed.

Introduction

Edward Y. Woo, MD, FACS, *Washington, DC*

Strategies for Treating Aortoiliac Disease

Rebecca L. Kelso, MD, FACS, *Cleveland, OH*

Superficial Femoral Artery /Popliteal: Optimizing Endovascular Results

Mark K. Eskandari, MD, FACS, *Chicago, IL*

Below-Knee Popliteal and Tibials: What Are the Best Endovascular Options?

Jean Ellen Starr, MD, FACS, *Columbus, OH*

Surgery for Infrainguinal Disease: When Is It Best, and What Is the Best Treatment?

Dipankar Mukherjee, FACS, *Fairfax, VA*

Alternative Access Options: Tibial, Pedal, and Radial

Steve Abramowitz, MD, *Olney, MD*

Review of Closure Devices for Access

Neal S. Cayne, MD, FACS, *New York, NY*

Sponsored by the Advisory Council for Vascular Surgery

PS326 | 12:45 - 4:00 pm

The College's International Scholars and Travelers 2015

Location: W192

TRACKS: HUM, INT

MODERATOR: Giuseppe R. Nigri, MD, PhD, FACS, FRCS, FASCRS, *Rome, Italy*

CO-MODERATOR: Alberto R. Ferreres, MD, PhD, JD, MPH, FACS(Hon), *Buenos Aires, Argentina*

The College has a long, proud history of providing Clinical Congress scholarships to promising young surgeons from around the globe. The 2015 International Scholars and Traveling Fellows will present briefly on topics relating to their practice or research in their home countries. The International Guest Scholars, the International Surgical Education Scholars and the Exchange Fellows from Australia–New Zealand, Germany, and Japan will provide their U.S., Canadian, and international counterparts in the audience with fresh insights into the art and science of surgery as practiced around the world.

Introduction

Giuseppe R. Nigri, MD, PhD, FACS, FRCS, FASCRS, *Rome, Italy*

Introducing The College of Surgeons of East, Central, and Southern Africa (COSECSA): Train a Surgeon in Africa for One Dollar Per Day

Abebe Bekele Zerihun, MD, FCS(ECSA), *Addis Ababa, Ethiopia*

Endoscopic Treatment of Hydrocephalus—Increasing the Frontier

Olufemi B. Bankole, MB, ChB, *Idi Araba, Nigeria*

Establishing a Nomogram for the Prediction of Pathological Complete Response after Chemoradiotherapy in Esophageal Cancer Patients: The CGMH Experience

Yin-Kai Chao, MD, PhD, *Taoyuan, Taiwan*

Montevideo: Five Jobs per Surgeon

Juan José Cossa, MD, *Montevideo, Uruguay*

From Multivisceral Transplantation in Adults to Minimally Invasive Surgery in Children: The Journey of a Surgeon

Sabine Irtan, MD, PhD, *Paris, France*

Oncoplastic Training in the U.K.

Tracey E. Irvine, MB, BS, *Guildford, United Kingdom*

Pediatric Colorectal Surgery in Sub-Saharan Africa: Spectrum, Pearls, and Pitfalls

Taiwo Akeem Lawal, MB, BS, *Ibadan, Nigeria*

National Guidelines in Breast Cancer

Nikolaos V. Michalopoulos, MD, PhD, *Athens, Greece*

Uncommon Presentation of Common Diseases

Anand Kumar Mishra, MB, BS, *Lucknow, UP India*

Fecal Incontinence in Women: More Questions than Answers

David Pares, MD, *Barcelona, Spain*

Trauma and Acute Care Surgery Is the Model to Follow in Low- and Middle-Income Countries to Improve Health Care

Edgar Bruck Rodas, MD, FACS, *Cuenca, Ecuador*

How to Use Clinical Practice as the Foundation for Surgical Research

Anita Skandarajah, MB, BS, MD, FRACS, *South Yarra, Australia*

Surgical Management for Advanced Hepatocellular Carcinoma with Portal Vein Tumor Thrombus in the Major Trunk

Yoshito Tomimaru, MD, PhD, *Toyonaka, Japan*

Robotic Surgery in Urology during the Greek Financial Crisis: Is There a Future?

Stavros I. Tyritzis, MD, PhD, FEBU, *Athens, Greece*

Multimodality Therapy of Retroperitoneal Sarcoma

Nikolaos Vassos, MD, PhD, *Erlangen, Germany*

Conquering the Achilles' Heel of Living Donor Liver Transplant

Kenneth Siu Ho Chok, FRCS, *Hong Kong, China*

Perception of Medical Professionalism among the Surgical Community in the University of Nairobi: A Mixed Method Study

Daniel Ojuka, MB, BS, MMed, *Nairobi, Africa*

The Challenges of Offering American Surgical Education in Countries with Limited Resources: The Lebanon Experience

Ramzi Samih Alami, MD, FACS, *Beirut, Lebanon*

Sponsored by the International Relations Committee

PS327 | 2:30 - 4:00 pm

Research Training During Residency: Time for a Reality Check?

Location: W185

TRACKS: EDU, RES/MED

MODERATOR: Jeffrey B. Matthews, MD, FACS, *Chicago, IL*

CO-MODERATOR: Robert D. Winfield, MD, FACS, *Kansas City, KS*

Many general surgery training programs continue to offer junior residents the opportunity to take research electives lasting one or more years. These experiences have historically been considered important for intellectual maturation, for increasing competitiveness for subspecialty fellowship, or as preparation for an academic career. However, most departments face significant and increasing constraints on resources that can support these activities and must ensure optimal "return on investment." This session will critically examine the strengths, weaknesses, and sustainability of traditional resident research electives, with an emphasis on opportunities to improve structure, curriculum and funding.

Introduction

Jeffrey B. Matthews, MD, FACS, *Chicago, IL*

Research Experience during Residency: Personal Perspective on the Value Proposition

Robert D. Winfield, MD, FACS, *Kansas City, KS*

Sustainable Funding and the Value Proposition: A Chair's Perspective

Diana L. Farmer, MD, FACS, FRCS, *Sacramento, CA*

Panel Discussion

Jeffrey B. Matthews, MD, FACS, *Chicago, IL*

Structuring a Research Curriculum: The Program Director's Perspective

Kevin King Roggin, MD, FACS, *Chicago, IL*

Research During or After Residency: What's the Return on Investment?

Richard A. Hodin, MD, FACS, *Boston, MA*

Sponsored by the Resident and Associate Society and the Surgical Research Committee

PS328 | 2:30 - 4:00 pm

New Horizons in Skull-Based Surgery

Location: W471A

TRACKS: NEU, OTO

MODERATOR: Charles J. Prestigiacomo, MD, FACS, *Newark, NJ*

CO-MODERATOR: Jean A. Eloy, MD, *Newark, NJ*

Endoscopic surgery has grown within the fields of neurosurgery and otorhinolaryngology. Each has experienced a tremendous interest in developing new indications for this minimally invasive, maximally

effective technique. The multidisciplinary approach to the base of skull from the neurocranium or splanchnocranium has become the model for interdisciplinary cooperativity. This panel session will focus on the many advances in the surgical management of diseases that invade the face and base of skull.

Introduction

Charles J. Prestigiacomo, MD, FACS, *Newark, NJ*

The Endoscopic, Endonasal Approach to Aneurysm Surgery

Arpita Germanwalu, MD, *South Barrington, IL*

Lateral Corridors in Endoscopic Skull Base Surgery

Chirag Vipani Patel, MD, FACS, *Laguna Hills, CA*

Evolution in Endoscopic Repair of Ventral Skull-Base Defects

Jean Anderson Eloy, MD, *Newark, NJ*

Historical Perspectives on Skull-Base Surgery:

A Primer

Charles J. Prestigiacomo, MD, FACS, *Newark, NJ*

Sponsored by the Advisory Council for Otolaryngology-Head & Neck Surgery and the Advisory Council for Neurological Surgery

PS329 | 2:30 - 4:00 pm

You're Not Alone: The Emotional Impact of Adverse Events

Location: W193

TRACKS: GEN, HP, RUS

MODERATOR: Jacob Moalem, MD, FACS, *Rochester, NY*

CO-MODERATOR: Layton F. Rikkers, MD, FACS, *Madison, WI*

Adverse patient events, which are thought to occur in up to one-third of all hospitalizations, are sometimes the direct result of incorrect decisions or misguided actions on the part of a surgeon. Such events can have profound negative effects on surgeons' personal, family, and professional lives. Interestingly, nearly all surgeons believe that the severity of their reactions to such events is unique, and that their colleagues are better able to cope. Research, however, shows that surgeons are remarkably consistent in their handling of complications and in the sense of isolation. This panel will focus on the impact of bad patient outcomes on the well being of surgeons, and explore strategies to mitigate the toll that such outcomes have on surgeons who are often become the second victim.

Introduction

Jacob Moalem, MD, FACS, *Rochester, NY*

Primum Nocui

Jared A. Tomlinson, MD, *Rochester, NY*

Forgiving Ourselves for Being Human: Normalizing the Isolating Experience of Adverse Events

Jo Shapiro, MD, FACS, *Boston, MA*

Surgeons in Difficulty: An Exploration of Differences in Assistance-Seeking Behaviors between Male and Female Surgeons

Hilary A. Sanfey, MB, BCh, MHPE, FACS, *Springfield, IL*

Forgive and Remember: Managing Medical Failure
Charles L. Bosk, PhD, *Philadelphia, PA*

Sponsored by the Young Fellows Association

PS330 | 2:30 - 4:00 pm

Women's Health Day: Managing Pelvic Floor Disorders

Location: W470A

TRACKS: CRS, OBG, URO

MODERATOR: Traci L. Hedrick, MD, FACS, *Charlottesville, VA*

CO-MODERATOR: Alan D. Garely, MD, FACS, FACOG, *Valley Stream, NY*

This session will focus on pelvic floor disorders and postoperative sexual function: (1) how to diagnosis pelvic floor dysfunction; (2) current approaches to rectal/vaginal prolapse; (3) the truth about pelvic mesh; and (4) what your patients should know about sexual dysfunction after pelvic/low rectal surgery.

How to Diagnose Pelvic Floor Dysfunction

Janet E. Tomezsko, MD, *Skokie, IL*

The Truth about Pelvic Mesh

Elisa Trowbridge, MD, *Charlottesville, VA*

Women's Health Day: Managing Pelvic Floor Disorders

Alan D. Garely, MD, FACS, FACOG, *Valley Stream, NY*

What Your Patients Should Know about Sexual Dysfunction after Pelvic/Low Rectal Surgery

Madhulika G. Varma, MD, FACS, *San Francisco, CA*

Sponsored by the Women in Surgery Committee

PS331 | 2:30 - 4:00 pm

Genetic Testing for Cancer: What You Need to Know for Your Practice

Location: W194

TRACKS: BTR, ONC

MODERATOR: Tari A. King, MD, FACS, *New York, NY*

CO-MODERATOR: Dennis A. Wigle, MD, PhD, FACS, *Rochester, MN*

Sequencing of tumors to identify genomic alterations as targets for drug therapy is increasingly being used in clinical trials and in some clinical practices to guide selection of therapy. This session will discuss the opportunities that genomic sequencing information provides for identification of drug targets and drug development. Several trials will be highlighted – Alchemist trial, Match trial, Master trial, and information learned from The Cancer Genome Atlas (TCGA). For surgeons to be actively engaged in trial development, running of these trials and interpretation of these studies requires: (1) understanding of genomic sequencing—advantages and complexity; (2) being competent at tissue collection and preservation of tissue samples; and (3) having knowledge of pathways. Personalized medicine and an explanation of various genetic tests will be included.

Introduction

Tari A. King, MD, FACS, *New York, NY*

Practical Genomics for Lung Cancer

Dennis A. Wigle, MD, PhD, FACS, *Rochester, MN*

Genomically Informed Breast Cancer Therapy

Funda Meric Bernstam, MD, FACS, *Houston, TX*

Genetic Variability in Metastatic Melanoma: Targets for Therapy

Charles H. Yoon, MD, PhD, FACS, *Brookline, MA*

Sponsored by the Alliance for Clinical Trials in Oncology

PS332 | 2:30 - 4:00 pm

Melanoma 2015: Integrating New Knowledge into Your Clinical Practice

Location: W375B

TRACKS: GEN, ONC

MODERATOR: Mark A. Kelley, MD, FACS, *Ypsilanti, MI*

CO-MODERATOR: Jonathan S. Zager, MD, FACS, *Tampa, FL*

This session will discuss the (1) surgical treatment of early stage melanoma, (2) systemic therapy of melanoma, and (3) the role of the surgeon in management of advanced melanoma.

Introduction

Mark A. Kelley, MD, FACS, *Ypsilanti, MI*

Melanoma 2015: Integrating New Knowledge into Your Clinical Practice: The Role of the Surgeon in the Management of Advanced Melanoma

Jonathan S. Zager, MD, FACS, *Tampa, FL*

Melanoma 2015: Integrating New Knowledge into Your Clinical Practice: Systemic Therapy for Melanoma

Geoffrey T. Gibney, MD, *Washington, DC*

Melanoma 2015: Integrating New Knowledge into Your Clinical Practice: Surgical Treatment of Early Stage Melanoma

Mark C. Kelley, MD, MMHC, FACS, *Chattanooga, TN*

Sponsored by the Commission on Cancer and the Advisory Council for General Surgery

PS333 | 2:30 - 4:00 pm

Changing Paradigms in the Management of Breast Cancer: Is Less Surgery Really Better?

Location: W375A

TRACKS: GEN, ONC

MODERATOR: Marissa Howard-McNatt, MD, FACS, *Winston-Salem, NC*

CO-MODERATOR: Susan K. Boolbol, MD, FACS, *New York, NY*

The management of breast malignancies continues to evolve. This session will review recent recommendations on the management of surgical margins as well as indications for sentinel lymph node biopsy and completion axillary lymph node dissection.

Introduction

Marissa Howard-McNatt, MD, FACS, *Winston-Salem, NC*

The Indications for Sentinel Lymph Node Biopsy in Breast Cancer Treatment

Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Recent Recommendations on the Management of Surgical Margins for Breast Cancer

Julie A. Margenthaler, MD, FACS, *St. Louis, MO*

The Role of Neoadjuvant Chemotherapy in Reducing Breast Surgery

Eleftherios P. Mamounas, MD, FACS, *Orlando, FL*

When Less Surgery Becomes More: The Growing Use of Contralateral Prophylactic Mastectomy

Marissa Howard McNatt, MD, FACS, *Winston-Salem, NC*

Should All Patients with Ductal Carcinoma In Situ Be Treated?

E. Shelley Hwang, MD, MPH, FACS, *Durham, NC*

Sponsored by the Advisory Council for General Surgery

PS334 | 2:30 - 5:45 pm

Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2015 Volunteerism and Humanitarian Award Winners

Location: HMPCC Grant Park CD

TRACK: HUM

MODERATOR: Francis D. Ferdinand, MD, FACS, *Wynnewood, PA*

CO-MODERATOR: Frank W. Sellke, MD, FACS, *Providence, RI*

This plenary session showcases the 2015 Volunteerism and Humanitarian Award winners who will share insights into their motivation, accomplishments, and lessons learned related to humanitarian surgical outreach. The honorees' stories will be complemented by presentations from other innovators and leaders in surgical outreach to create a robust portrayal of this complex work. Together, they will form the basis for a lively question-and-answer segment at the conclusion of the session.

Introduction

Francis D. Ferdinand, MD, FACS, *Wynnewood, PA*

Humanitarian Surgical Outreach at Home and Abroad: Reports of the 2015 Volunteerism and Humanitarian Award Winners

Frank W. Sellke, MD, FACS, *Providence, RI*

Sponsored by Operation Giving Back

PS335 | 4:15 - 5:45 pm

Emerging Trends in the Workup and Management of Rectal Cancer

Location: W375A

TRACKS: CRS, GEN, ONC

MODERATOR: Julio E. Garcia-Aguilar, MD, PhD, FACS, FASCRS, *New York, NY*

CO-MODERATOR: David S. Medich, MD, FACS, *Pittsburgh, PA*

Multiple recent cooperative studies have provided new evidence regarding the optimal management and possibilities for treatment of patients with rectal cancer, a disease in which the surgeon plays the most critical role.

Introduction

Julio E. Garcia-Aguilar, MD, PhD, FACS, FASCRS, *New York, NY*

Emerging Trends in the Workup and Management of Rectal Cancer

MRI for Staging and Re-Staging Rectal Cancer

Naomi M. Campbell, MBBCh, BAO, *New York, NY*

Radiation and Chemotherapy for Locally Advanced Rectal Cancer: Does Every Patient Need Both?

Blase Polite, MD, *Chicago, IL*

Watch and Wait after Chemoradiation: Is It Ready for Primetime?

Joshua Smith, MD, *New York, NY*

Laparoscopic TME for Rectal Cancer: Top, Down, or Bottom Up?

John R. Monson, MB, BCH, FACS, *Rochester, NY*

Abdominoperineal Excision: Does Patient Position Matter?

George J. Chang, MD, FACS, *Houston, TX*

Sponsored by the Advisory Council for Colon and Rectal Surgery

PS336 | 4:15 - 5:45 pm

Building a Global Career Around the World

Location: W178



TRACK: INT

MODERATOR: Yuman Fong, MD, FACS, *Duarte, CA*

CO-MODERATOR: Georgios Tsoulfas, MD, FACS, *Thessaloniki, Greece*

This panel will address issues of academic development, including an international component, by comparing/contrasting the academic systems in different countries. This session will emphasize methods of international collaboration and how to achieve it. The intended audience would be young surgeons from North America and around the world who are looking for advice on how to build an academic career, including clinical development, having an active research component (including obtaining funding), and establishing themselves as surgical educators. The goal would be to provide information on how to identify the proper tools for an academic career.

Introduction

Yuman Fong, MD, FACS, *Duarte, CA*

Setting the Stage: The Challenges for American Academic Surgery in the 21st Century

Yuman Fong, MD, FACS, *Duarte, CA*

The UK Perspective

O. James Garden, CBE, MD, FRCSEd, FRCPEd, FRSE, *Edinburgh, UK*

The Mediterranean Perspective

Georgios Tsoulfas, MD, FACS, *Thessaloniki, Greece*

The Middle East Perspective

Jamal J. Hoballah, MD, MBA, FACS, *Iowa City, IA*

The Chinese Perspective

Chung Mau Lo, MB, BS, FACS (Hon), *Hong Kong SAR*

The Oceanic Perspective

John F. Thompson, MD, FACS, *North Sydney, NSW*

The South African Perspective

Elias Degiannis, MD, FACS, *Johannesburg, South Africa*

Sponsored by the International Relations Committee

PS337 | 4:15 - 5:45 pm**Educational Impact of the Electronic Health Record***Location: W193*

TRACKS: EDU, RES/MED

MODERATOR: Paul J. Schenarts, MD, FACS, *Omaha, NE*CO-MODERATOR: Christopher P. Brandt, MD, FACS, *Cleveland, OH*

This presentation will provide information on the following: (1) the potential benefits of the electronic health record (EHR); (2) the impact of the EHR on teacher-learner interactions; (3) the impact of excessive data, templates, auto-filling, and copy-and-paste functions on clinical reasoning; (4) the effect of the EHR on resident work flow; and (5) potential strategies to limit the impact of the EHR on education.

IntroductionPaul J. Schenarts, MD, FACS, *Omaha, NE***Educational Impact of the EHR**Christopher P. Brandt, MD, FACS, *Cleveland, OH***The EHR's Effect on Teacher Learner Interactions**Mayur Narayan, MD, MPH, MBA, *Baltimore, MD***The EHR's Effect on Clinical Reasoning**Paul J. Schenarts, MD, FACS, *Omaha, NE***The EHR's Effect on Workflow and Patient Outcomes**Jeremy M. Lipman, MD, FACS, *Cleveland, OH*

Sponsored by the Committee on Medical Student Education

**PS338 | 4:15 - 5:45 pm****Women's Health Day: The Surgeon's Role in Treating Endocrine and Metabolic Disorders***Location: W185*

TRACKS: GEN, ORT

MODERATOR: Jennifer E. Rosen, MD, FACS, *Washington, DC*CO-MODERATOR: Dana A. Telem, MD, FACS, *Stonybrook, NY*

While endocrinology is a subspecialty of internal medicine, surgeons are increasingly involved in managing endocrine and metabolic disorders through operations. This session will review the surgeon's role in endocrine/metabolic surgical evaluation, techniques, and outcomes addressing the following topics: (1) what surgeons need to know about identifying and treating osteoporosis and its complications; (2) the anatomy and physiology of bariatric surgery as a cure for diabetes; (3) minimally invasive approaches to thyroid and parathyroid surgery; and (4) hormone replacement therapy.

IntroductionJennifer E. Rosen, MD, FACS, *Washington, DC*

What Surgeons Need to Know About Bariatric Outcomes from a Global Perspective, Namely the Idea Behind Creating a Registry, Accountability and What Role the Surgeon Should Play

Matt Hutter, MD, FACS, *Boston, MA***The Surgeons' Role in Local and National Policy Around Measurement of Surgical Outcomes**Mary Hawn, MD, FACS, *Stanford, CA*

What Surgeons Need to Know About Endocrine Surgery and Outcomes, Including the Challenges to Creating a National Registry Including Outcomes and Complications

Julie Ann Sosa, MD, FACS, *Durham, NC*

What Surgeons Need to Know About Bariatric Outcomes

Stacy Brethaur, MD, FACS, *Cleveland, OH*

Sponsored by the Women in Surgery Committee

PS339 | 4:15 - 5:45 pm**Intraoperative Radiotherapy***Location: W192*

TRACK: GEN

MODERATOR: Darius S. Francescatti, MD, FACS, *Chicago, IL***Introduction**Darius S. Francescatti, MD, FACS, *Chicago, IL***Radiation Biology for the General Surgeon**Jacqueline Williams, PhD, FASTRO, *Rochester, NY***Intraoperative Radiation Therapy and the General Surgeon**Kathleen Horst, MD, *Stanford, CA***Breast Intraoperative Radiation, Technique, and Trial Results**Frederick Dirbas, MD, FACS, *Stanford, CA***Breast Intraoperative Radiation, Operative Technique and Trial Results**Barbara Schwartzberg, MD, FACS, *Denver, CO*

Sponsored by the Advisory Council for General Surgery

PS340 | 4:15 - 5:45 pm**Review of the New American Thyroid Association (ATA) Guidelines on the Management of Well-Differentiated Thyroid Cancer***Location: W375B*

TRACKS: GEN, OTO

MODERATOR: Gregory W. Randolph, MD, FACS, *Boston, MA*

The incidence of thyroid cancer continues to rise and the management of well-differentiated (papillary and follicular) thyroid carcinoma, particular small cancers, remains hotly debated, largely because of the excellent survival for the majority of patients and the lack of prospective randomized controlled trial results. This multidisciplinary session will discuss the updated American Thyroid Association 2015 guidelines on well-differentiated thyroid cancer and include: (1) preoperative work up of a thyroid cancer, including diagnostic imaging, role of fine needle aspiration and molecular assays; (2) surgical options (lobectomy versus total thyroidectomy; prophylactic central neck dissection, lateral neck dissection; (3) role of adjuvant radioactive iodine; (4) surveillance



strategies after initial treatment; and (5) management of recurrent/persistent disease.

Introduction

Nancy D. Perrier, MD, FACS, *Houston, TX*

Surgical Preoperative Evaluation and Fine-Needle Aspiration Molecular Assessment

Richard J. Wong, MD, FACS, *New York, NY*

Degree of Primary Thyroid Surgery for Cancer/Central Neck Dissection/Lateral Neck Dissection

Amy Y. Chen, MD, MPH, FACS, *Atlanta, GA*

Reoperative Surgery/Completion Thyroidectomy

Marybeth S. Hughes, MD, FACS, *Bethesda, MD*

Radioactive Iodine and Follow-Up

Peter Kopp, MD, *Chicago, IL*

Tyrosine-Kinase Inhibitor Oncology Management

Manisha H. Shah, MD, *Columbus, OH*

Panel Discussion

Nancy D. Perrier, MD, FACS, *Houston, TX*

Panel Discussion

Gregory W. Randolph, MD, FACS, *Boston, MA*

Sponsored by the Advisory Council for General Surgery and the Advisory Council for Otolaryngology-Head & Neck Surgery

PS341 | 4:15 - 5:45 pm

Rectal Cancer Commission on Cancer Accreditation Panel

Location: W196BC

TRACKS: CRS, EDU, INFO

MODERATOR: Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCS(Ed), *Weston, FL*

This session will discuss why accreditation of rectal cancer centers is needed including the following: (1) three decades of European evidence, (2) variability in the outcomes of surgery for rectal cancer in the U.S, (3) how our radiologists can help us optimize surgical outcomes, (4) how our pathologists can help us optimize surgical outcomes, and (5) the new Commission on Cancer evidence-based standards for accreditation in the perioperative management of rectal cancer.

Introduction

Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCSEd, *Weston, FL*

Why Accreditation of Rectal Cancer Centers Is Needed: Three Decades of European Evidence

John R. Monson, MB, BCH, FACS, *Rochester, NY*

Variability in the Outcomes of Surgery for Rectal Cancer in the U.S.

David W. Dietz, MD, FACS, *Cleveland, OH*

How Our Radiologists Can Help Us Optimize Surgical Outcomes

Gina Brown, MD, FRCR, *Surrey, U.K.*

How Our Pathologists Can Help Us Optimize Surgical Outcomes

Mariana Berho, MD, *Weston, FL*

The New ACS Commission on Cancer Evidence-Based Standards for Accreditation in the Perioperative Management of Rectal Cancer

David P. Winchester, MD, FACS, *Chicago, IL*

Sponsored by the Commission on Cancer

PS342 | 4:15 - 5:45 pm

Best Practices and Latest Evidence: How Should Recently Reported Clinical Trials Change the Surgical Oncology Practice Today?

Location: W194

TRACKS: BTR, ONC

MODERATOR: Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

CO-MODERATOR: Mitchell C. Posner, MD, FACS, *Chicago, IL*

Panelists will present the results from the highest impact clinical trials in cancer that have reported outcomes over the last year or more. They will discuss how these results should affect the management of the surgical oncology patient. They will address controversial issues surrounding the trial, interpretation of results, surgical training required and new procedures in the clinical practice. An interactive session will allow audience members to voice concerns and have questions answered about how to best implement findings in their practice. Studies to be covered will depend on which trials are discussed but will likely include topics such as management of borderline resectable pancreatic cancer, cryoablation for breast cancer, and laparoscopic resection of rectal cancer.

Introduction

Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Laparoscopic Resection of Rectal Cancer: The Latest Clinical Trial Results and Impact on Clinical Practice

James W. Fleshman, MD, FACS, *Dallas, TX*

Borderline Resectable Pancreatic Cancer: The Latest Clinical Trial Results and Impact on Clinical Practice

Matthew H. G. Katz, MD, FACS, *Houston, TX*

Cryoablation for Breast Cancer: The Latest Clinical Trial Results and Impact on Clinical Practice

Rache M. Simmons, MD, FACS, *New York, NY*

Sentinel Lymph Node for Patients with Node Positive Breast Cancer Treated with Neoadjuvant Chemotherapy: The Latest Clinical Trial Results and Impact on Clinical Practice

Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Sponsored by the Alliance for Clinical Trials in Oncology

Thursday, October 8

PS400 | 8:00 - 9:30 am

The Role/Impact of Telemedicine on Surgical Outreach Programs

Location: W179

TRACK: INT

MODERATOR: Quyen D. Chu, MD, MBA, FACS, *Shreveport, LA*

Telemedicine is evolving to become an integral part of medical care, especially in difficult to reach regions of the world. A significant number of surgeons do volunteer work overseas, but one of the limitations is the lack of postoperative follow-up when the surgeons leave the host country. Telemedicine helps to address this limitation. Additionally, telemedicine allows direct consult with colleagues in the U.S. or Europe when the need arises. This panel will explore the potential benefits of telemedicine and discuss how it can be used as adjunctive measures for surgeons who do volunteer works overseas.

Introduction

Quyen D. Chu, MD, MBA, FACS, *Shreveport, LA*

The Role of Telemedicine on Surgical Outreach Program: Report from Four Continents

Rifat Latifi, MD, FACS, *Tucson, AZ*

Telemedicine in Medical Outreach Programs

Marc Dean, MD, *Dallas, TX*

Low-Cost and Low-Bandwidth Telemedicine

Milton Chen, PhD, *San Francisco, CA*

Sponsored by the International Relations Committee

PS401 | 8:00 - 9:30 am

Hyperparathyroidism: Primary vs. Secondary vs. Tertiary

Location: W375A

TRACKS: GEN, OTO

MODERATOR: Janice L. Pasieka, MD, FACS, FRCSC, *Calgary, AB*

CO-MODERATOR: Maisie L. Shindo, MD, FACS, *Portland, OR*

Hyperparathyroidism is defined as hyperfunction of the parathyroid glands. In primary hyperparathyroidism, the parathyroid glands inappropriately oversecrete parathyroid hormone (PTH), resulting in elevated calcium and PTH levels. Secondary hyperparathyroidism is due to a physiologic (appropriate) secretion of PTH in response to hypocalcemia, typically due to vitamin D insufficiency and chronic renal failure. Tertiary hyperparathyroidism is seen in patients with long-term secondary hyperparathyroidism usually due to chronic renal failure, which eventually leads to parathyroid hyperplasia, autonomous activity and a loss of response to serum calcium levels.

Each of these three entities is distinct and managed differently. For each type this session will discuss: (1) diagnostic work up; (2) indications for surgical intervention; (3) role of preoperative localization studies; and (4) surgical options (minimally invasive techniques versus bilateral exploration).

Introduction

Janice L. Pasieka, MD, FACS, FRCSC, *Calgary, AB*

Introduction to the Changing Role of Surgeons in Hyperparathyroidism

Janice L. Pasieka, MD, FRCSC, FACS, *Calgary, AB*

Human Performance Technology: Evaluation and Diagnostic Pitfalls

Ralph P. Tufano, MD, FACS, *Baltimore, MD*

Secondary Hyperparathyroidism: When Is the Normal Physiological Response No Longer Normal

Carrie C. Lubitz, MD, FACS, *Boston, MA*

Secondary Hyperparathyroidism: The Extent of Parathyroidectomy and the Morbidity Following Surgery

James A. Lee, MD, FACS, *New York, NY*

Tertiary Hyperparathyroidism: Indications for Surgery in the Dialysis and Transplanted Patient

Neil D. Gross, MD, FACS, *Houston, TX*

The Role of Cinacalcet in the Treatment of Secondary/Tertiary Hyperparathyroidism and Implications for the Surgeon

Kelly L. McCoy, MD, FACS, *Pittsburgh, PA*

Questions and Discussion and Review of Lessons Learned

Maisie L. Shindo, MD, FACS, *Portland, OR*

Sponsored by the Advisory Council for Orthopaedic Surgery and the Advisory Council for General Surgery

PS402 | 8:00 - 9:30 am

Modern Multidisciplinary Approach to Aortic Diseases

Location: W474A

TRACKS: CTS, VAS

MODERATOR: Scott A. LeMaire, MD, FACS, *Houston, TX*

The treatment of aortic diseases by specific surgical disciplines is becoming more blurred as technologies are introduced and improved. This session will combine vascular surgery and cardiothoracic surgery to describe the latest approaches to the entire aorta from the aortic valve to the iliac vessels. The availability of thought leaders from both specialties will allow open discussion between disciplines, sharing of knowledge, and improvement in care delivery.

Introduction

Scott A. LeMaire, MD, FACS, *Houston, TX*

Acute Ascending Aortic Syndrome: Using a Team Approach to Improve Outcomes

Douglas R. Johnston, MD, *Cleveland Heights, OH*

Evolving Strategies for Repairing the Aortic Arch

George C. Hughes, MD, FACS, *Durham, NC*

State of the Art Treatment of the Descending Thoracic Aortic Diseases: Aneurysm, Dissection, Coarctation, and Traumatic Injury

Mark A. Farber, MD, FACS, *Chapel Hill, NC*

Advanced Techniques for Treating Complex Abdominal Aortic Aneurysms

Murray L. Shames, MD, FACS, *Tampa, FL*

Reinterventions to Manage Complications of Endovascular Aortic Repair

Audra A. Duncan, MD, FACS, *Rochester, MN*

Panel Discussion

Scott A. LeMaire, MD, FACS, *Houston, TX*

Sponsored by the Advisory Council for Cardiothoracic Surgery

PS403 | 8:00 - 9:30 am**Managing the Unexpected Adnexal Mass***Location: W375B*

TRACKS: GEN, OBG

MODERATOR: Mitchell I. Edelson, MD, FACS, *Abington, PA*CO-MODERATOR: Carrie L. Wieneke, MD, FCOG, FACS, *Kansas City, KS*

This session will examine the surgical approach to an unexpected ovarian mass encountered during abdominal surgery performed for unrelated indications. The general surgeon should be aware of the appearance of common ovarian pathology encountered during pelvic surgery. Attendees will gain knowledge about methods to differentiate between benign and malignant ovarian masses. The role for conservative treatment will be discussed as well as indications for surgical resection. Finally, the rationale for comprehensive surgical staging and surgical cytoreduction in the event of an unexpected ovarian cancer will be reviewed.

IntroductionMitchell I. Edelson, MD, FACS, *Abington, PA***Surgical Management of Ovarian Cancer**Nita K. Lee, MD, *Chicago, IL***The Pelvic Mass: Benign or Malignant?**Mitchell I. Edelson, MD, FACS, *Abington, PA*

Sponsored by the Advisory Council for Gynecology and Obstetrics

PS404 | 8:00 - 9:30 am**10 Hot Topics in General Surgery***Location: W375C*

TRACK: GEN

MODERATOR: E. Christopher Ellison, MD, FACS, *Columbus, OH*CO-MODERATOR: Kenneth W. Sharp, MD, FACS, *Nashville, TN*

In this popular session the panelists will review 10 of the hottest topics in general surgery. A total of 24 teams of two vie to score the most points in this hilariously executed game of knowledge.

IntroductionE. Christopher Ellison, MD, FACS, *Columbus, OH***Mesh Reinforcement of Elective Laparotomy Closure**Sherry M. Wren, MD, FACS, *Stanford, CA***Emergency Peptic Ulcer Surgery in 2015**Theodore N. Pappas, MD, FACS, *Durham, NC***FAST as a Predictor of Outcomes in Resuscitative Thoracotomy**Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA***Biliary Dyskinesia: Is It Real? What Do I Do?**Steven C. Stain, MD, FACS, *Albany, NY***When Is Prophylactic Mastectomy Appropriate?**Lee G. Wilke, MD, FACS, *Madison, WI***The Aging Surgeon and Your Medical Staff**Roger R. Perry, MD, FACS, *Norfolk, VA***Prophylactic IVC Filters in Trauma: Risk vs. Benefit**Mark R. Hemmila, MD, FACS, *Ann Arbor, MI***Colon Prep: Why, When, and How?**Janice F. Rafferty, MD, FACS, FASCRS, *Cincinnati, OH***Bile Leaks after Laparoscopic Cholecystectomy in 2015**Gary C. Vitale, MD, FACS, *Louisville, KY***Appendiceal Neoplasm: When Is Enough, Enough?**Kamran Idrees, MD, FACS, *Nashville, TN*

Sponsored by the Advisory Council for General Surgery

PS405 | 8:00 - 9:30 am**10 Hot Topics in Ensuring Surgical Safety***Location: W194*

TRACKS: EDU, GEN, RUS

MODERATOR: Mary T. Hawn, MD, FACS, *Stanford, CA*CO-MODERATOR: David R. Flum, MD, MPH, FACS, *Seattle, WA*

This session will provide a comprehensive overview of the important emerging evidence in improving surgical outcomes. The panelists will present a brief description of the problem posed by their topic and potential interventions that may reduce the risk and improved outcomes. The 10 proposed topics to be covered include: diabetes, malnutrition, frailty, delirium, coronary stents, smoking, obstructive sleep apnea, steroids, goal-directed fluid therapy, and transfusion.

IntroductionMary T. Hawn, MD, FACS, *Stanford, CA***Prehabilitation to Improve Patient Functional Status**Michael J. Englesbe, MD, FACS, *Ann Arbor, MI***Improving Immunonutrition Prior to Surgery**Thomas K. Varghese, Jr., MD, FACS, *Seattle, WA***Glycemic Control in the Perioperative Period**Thomas K. Varghese, Jr., MD, FACS, *Seattle, WA***Oral Antibiotics Improve Colorectal Surgical Outcomes**Melanie S. Morris, MD, FACS, *Birmingham, AL***Optimal Perioperative Pain Management**David R. Flum, MD, MPH, FACS, *Seattle, WA***Next Generation Checklists**Thomas Geoghegan Weiser, MD, *Stanford, CA***Reducing Methicillin-Resistant Staphylococcus Aureus Surgical Site Infection Risk**Heather L. Evans, MD, MS, FACS, *Seattle, WA***Prevention of Ventilator-Associated Pneumonia**Heather L. Evans, MD, MS, FACS, *Seattle, WA***Prevention of Postoperative Acute Kidney Injury**Amy Williams, LCSW, *Syracuse, NY***Appropriate Use of Blood Replacement in the Perioperative Period**Paul M. Maggio, MD, FACS, *Stanford, CA*

Sponsored by the Committee on Perioperative Care and the Surgical Research Committee



PS406 | 9:45 - 11:15 am
10 Hot Topics in Advocacy and Health Policy

Location: W475

TRACK: HP

MODERATOR: Michael Zinner, MD, FACS, *Boston, MA*
 CO-MODERATOR: Frank Opelka, MD, FACS, *Washington, DC*

This panel will explore the key advocacy and health policy issues facing surgeons. What will new physician payment systems look like? How will the American College of Surgeons work to impact congressional action and Medicare regulations?

Introduction

Andrew L. Warshaw, MD, FACS, FRCSEd(Hon),
Boston, MA

ACS Medical Director for Quality and Health Policy
 Frank G. Opelka, MD, FACS, *Washington, DC*

ACS Medical Director for Advocacy
 Patrick V. Bailey, MD, FACS, *Washington, DC*

ACS Director of Division of Advocacy and Health Policy
 Christian Shalgian, *Washington, DC*

ACS Manager of Legislative and Political Affairs
 Sara Morse, *Washington, DC*

Sponsored by Health Policy and Advocacy Group

PS407 | 9:45 - 11:15 am
10 Hot Topics in Critical Care

Location: W375B

TRACK: TRA

MODERATOR: Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*

CO-MODERATOR: William C. Chiu, MD, FACS, *Baltimore, MD*

The essential studies published in the following broad topic areas of surgical critical care from the last 12 months will be reviewed by seven topic experts: cardiac, pulmonary, renal, fluid/electrolyte/nutrition, hematology, infectious disease, and intensive care unit administration. The top five to six articles from the year in each of these topic areas will be reviewed and placed into context.

Introduction

Kenji Inaba, MD, FACS, FRCSC, *Los Angeles, CA*

Prevention and Infectious Diseases
 Carlos V. R. Brown, MD, FACS, *Austin, TX*

Pulmonary and Ventilators and Renal
 Ali Salim, MD, FACS, *Boston, MA*

Nutrition and Metabolism
 Matthew J. Martin, MD, FACS, *Tacoma, WA*

Intracranial Pressure and Sedation
 Deborah M. Stein, MD, MPH, FACS, FCCM,
Baltimore, MD

Cardiac and Shock and Hematology
 Hasan B. Alam, MD, FACS, *Ann Arbor, MI*

Sponsored by the Committee on Trauma

PS408 | 9:45 - 11:15 am
The College's Clinical Scholars 2015

Location: W196BC

TRACKS: EDU, ONC

MODERATOR: Bruce L. Hall, MD, PhD, MBA, FACS,
St. Louis, MO

CO-MODERATOR: Gilbert Rivers Upchurch, MD, FACS,
Charlottesville, VA

The American College of Surgeons (ACS) Clinical Scholars in Residence program provides residents with the opportunity to acquire the skills of a contemporary young surgeon-scientist by spending two years at the College working on surgical quality improvement and projects involving the College's trauma, cancer, bariatric, and ACS National Surgical Quality Improvement Program® databases under the supervision of a cadre of mentors. Simultaneously, residents take courses at a local university for a master's degree in a health-related field under the mentorship of a surgeon from their home institution. This program is helping to develop the next generation of thoughtful surgeon leaders, strongly rooted in evidence-based surgery. Surgical residents who completed the program in 2014, as well as earlier alumni, will discuss their experiences and the ongoing effect of being an ACS Clinical Scholar.

Introduction

Bruce L. Hall, MD, PhD, MBA, FACS, *St. Louis, MO*

The American College of Surgeons 2015 Clinical Scholars:

ACS Clinical Scholars in Residence Program
 Experience

Bruce L. Hall, MD, PhD, MBA, FACS, *St. Louis, MO*

ACS Clinical Scholars in Residence Program
 Experience

Gilbert Rivers Upchurch, MD, FACS, *Charlottesville, VA*

ACS Clinical Scholars in Residence Program
 Experience

Ryan P. Merkow, MD, *Chicago, IL*

ACS Clinical Scholars in Residence Program
 Experience

Karl Y. Bilimoria, MD, FACS, *Chicago, IL*

ACS Clinical Scholars in Residence Program
 Experience

Mehul V. Raval, MD, *Atlanta, GA*

ACS Clinical Scholars in Residence Program
 Experience

Mila H. Ju, MD, *Chicago, IL*

ACS Clinical Scholars in Residence Program
 Experience

Ravi Rajaram, MD, *Chicago, IL*

ACS Clinical Scholars in Residence Program
 Experience

Margaret Clarke Tracci, MD, JD, FACS,
Charlottesville, VA

Sponsored by the Division of Research and Optimal Patient Care and the Scholarship Committee

PS409 | 9:45 - 11:15 am**Striving for Patient Satisfaction in the Era of the Affordable Care Act***Location: W179*

TRACK: HP

MODERATOR: Larissa K. F. Temple, MD, FACS, *New York, NY*CO-MODERATOR: Andrea L. Pusic, MD, FACS, *New York, NY*

Patients are increasingly demanding new surgical procedures and new drugs but are not always in a good position to assess the effectiveness of their desired care. Surgeons who decline to perform surgical procedures due to patient factors such as tobacco abuse, morbid obesity, and severe medical comorbidities are facing negative patient reviews despite exercising good medical judgment. How are physicians expected to respond to unreasonable patient demands (such as unwarranted narcotics) in an era when negative patient satisfaction surveys are tied to reimbursement, salary and promotion within their practice or institution? This problem crosses all surgical specialties.

Introduction

Larissa K. F. Temple, MD, FACS, *New York, NY*

Patient Satisfaction: What Does It Mean for Surgeons?

Larissa K. F. Temple, MD, FACS, *New York, NY*Andrea L. Pusic, MD, FACS, *New York, NY*

Patient Satisfaction and Implications for Payment

Robert Jasak, JD, *Washington, DC*

Improving Patient Satisfaction with Clinical Care

Elizabeth C. Wick, MD, FACS, *Baltimore, MD*

Surgeon Satisfaction Scores: What Do They Mean and How Can I Improve Them?

James I. Merlino, MD, FACS, *Richfield, OH*

The Role of the Patient Experience Officer and What Satisfaction Scores Mean to an Institution

Robert M. Quinlan, MD, FACS, *Worcester, MA*

The Future of Patient Satisfaction Measurement: Where Do We Go from Here?

Andrea L. Pusic, MD, FACS, *New York, NY*

Sponsored by the Advisory Councils for the Surgical Specialties

PS410 | 9:45 - 11:15 am**Novel Diagnostic and Treatment Options for Early Esophageal Cancer***Location: W375C*

TRACKS: CTS, GEN, ONC

MODERATOR: Steven R. DeMeester, MD, FACS, *Los Angeles, CA*

Opportunities to treat early esophageal cancer with organ sparing approaches have been developed. These techniques require careful patient selection and a commitment to close observation post treatment to ensure success. This session will discuss the tools used for evaluation, the indications and contraindications to organ sparing approaches, the



treatment techniques themselves, and finally, the follow-up requirements.

Introduction

Steven R. DeMeester, MD, FACS, *Los Angeles, CA*

Evaluation of the Barrett's Mucosa: Narrow Band Imaging, Optical Coherence Tomography, Endomicroscopy, Acetic Acid— What Should We Be Doing?

Blair A. Jobe, MD, FACS, *Pittsburgh, PA*

Endoscopic Therapy for High-Grade Dysplasia and Superficial Esophageal Cancer: Who and How?

Wayne L. Hofstetter, MD, *Houston, TX*

Is Esophagectomy a "Never Event" in 2015 for High-Grade Dysplasia and Superficial Esophageal Adenocarcinoma?

Daniela Molena, MD, FACS, *Baltimore, MD*

Gastroesophageal Reflux Disease Management and Follow-Up after Endotherapy

Brian Edward Louie, MD, FACS, *Seattle, WA*

Sponsored by the Advisory Council for Cardiothoracic Surgery

PS411 | 9:45 - 11:15 am**The Surgeon and Emotional Intelligence: It's Real and Relevant***Location: W375A*

TRACK: EDU

MODERATOR: Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*CO-MODERATOR: Ami N. Shah, MD, FAAP, FACS, *Chicago, IL*

A surgeon's practice is an emotional one. Be it as he/she interacts with colleagues in the workplace, or toward improving the well-being of their patients. Every aspect of our lives, as surgeons, is in fact directly affected by our emotional intelligence (EQ). Emotions are intertwined in everything you think and do. Developing one's EQ allows for more effective communication, increased ability to handle stress, and ability to recognize and handle conflict and increase flexibility to adapt to change. This session's panel will help the participants understand what EQ is, increase awareness of its role in one's career and life, explore skills to practically enhance one's EQ, and focus on real-life examples that are relevant to us as surgeons.

Introduction

Adnan A. Alseidi, MD, EdM, FACS, *Seattle, WA*

Presenting a Model and Ideas of Development of Emotional Intelligence

Kurt O'Brien, MD, FACS, *New Iberia, LA*

Conquering the Battle Within: How Do We Improve Our Own Emotional Intelligence?

Roy Phitayakorn, MD, FACS, *Boston, MA*

Conquering the Battle Without: How Do We Use Emotional Intelligence in a Leadership Role?

Bruce L. Gewertz, MD, FACS, *Los Angeles, CA*

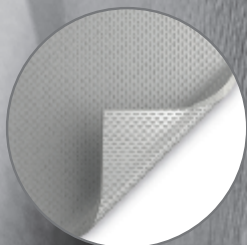
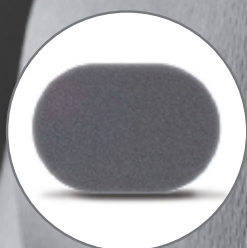
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WEDNESDAY, OCTOBER 7 ▪ 5:00 TO 7:00 PM ▪ MCCORMICK PLACE, ROOM W375DE



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Abstract Sessions

The following sessions represent the three abstract programs, Scientific Forum Poster Presentations (PP), Scientific Forum (SF), and Video-Based Education (VE).

The Scientific Forum

The Scientific Forum (SF) program provides a platform for scientific and surgical researchers across all levels of training and experience, including junior scientific investigators (surgery residents, medical students, and surgeons who have recently completed their training), to present their original research work before a national audience for the first time. Presentation categories include (but are not limited to) the following: Bariatric/Foregut; Breast; Cardiac and Thoracic Surgery; Colon and Rectal; Critical Care and Trauma; Education; Ethics; Endocrine; General Surgery; Geriatric Surgery and Palliative Care; Global Surgery; Health Services; Hepatobiliary and Pancreas; Pediatric Surgery; Plastic and Maxillofacial Surgery; Transplantation and Tissue Engineering; Urology; and Vascular Surgery. More than 450 abstracts will be presented Monday through Thursday.

CME credit is offered for these sessions.

The Scientific Forum Committee is sponsoring or cosponsoring the following panel sessions.

Monday, October 5

PS100 | 9:45 - 11:15 am

Frailty Indices as Indicators of Risk in Surgery for the Geriatric Patient

Sponsored in conjunction with the Task Force on Geriatric Surgery

PS101 | 9:45 - 11:15 am

Metabolic Surgery: Understanding a Surgical Solution to an Epidemic

Sponsored by the Scientific Forum Committee

Wednesday, October 7

PS318 | 9:45 - 11:15 am

Tissue Engineering: What's New?

Sponsored by the Task Force on Geriatric Surgery and the Scientific Forum Committee

Scientific Forum session listings

Bariatric and Foregut I	118
Bariatric and Foregut II	133
Breast	136
Cardiac Surgery	120
Colon and Rectal Surgery I	119
Colon and Rectal Surgery II	133
Colon and Rectal Surgery III	145

Colon and Rectal Surgery IV	146
Colon and Rectal Surgery V	151
Critical Care Surgery	141
Endocrine Surgery	147
Ethics	127
General Surgery I	121
General Surgery II	142
General Surgery III	146
General Surgery IV	152
Geriatric and Palliative Care	137
Global Surgery	122
Hepatobiliary and Pancreas I	123
Hepatobiliary and Pancreas II	138
Neurological Surgery	140
Obstetrics and Gynecology	126
Orthopaedic Surgery	134
Pediatric Surgery I	117
Pediatric Surgery II	128
Pediatric Surgery III	135
Plastic and Maxillofacial Surgery I	139
Plastic and Maxillofacial Surgery II	148
Plastic and Maxillofacial Surgery III	150
Quality, Safety, and Outcomes I	120
Quality, Safety, and Outcomes II	129
Quality, Safety, and Outcomes III	135
Quality, Safety, and Outcomes IV	149
Quality, Safety, and Outcomes V	153
Surgical Education I	119
Surgical Education II	124
Surgical Education III	127
Surgical Education IV	143
Surgical Education V	151
Surgical Oncology I	125
Surgical Oncology II	144
Surgical Oncology III	154
Thoracic Surgery	129
Transplantation and Tissue Engineering I	130
Transplantation and Tissue Engineering II	145
Trauma I	131
Trauma II	139
Trauma III	140
Urological Surgery I	126
Urological Surgery II	134
Vascular Surgery I	132
Vascular Surgery II	150
Vascular Surgery III	155

Monday, October 5

SF01 | 9:45 - 11:15 am

Pediatric Surgery I

Location: W470B

TRACK: PED

MODERATOR: Catherine J. Hunter, MD, FACS, *Chicago, IL*
MODERATOR: Tracy C. Grikscheit, MD, FACS, *Los Angeles, CA*

Excellence in Research Award recipient presenting:
Brian Blackwood, MD, *Chicago, IL*

Cyclic AMP and Protein Kinase A-Mediated Signaling Plays a Crucial Role in CS-Induced Intestinal Epithelial Apoptosis, Exposing a New Potential Therapy for NEC

Brian Blackwood, MD; Douglas R. Wood; Carrie Y. Yuan; Joseph D. Nicolas; Catherine J. Hunter, MD, FACS. *Ann and Robert H. Lurie Children's Hospital of Chicago, Northwestern University Feinberg School of Medicine, Rush University Medical Center, Chicago, IL*

DISCUSSANT: Moderator(s)

IAP Deficiency Leads to Dysbiosis and Bacterial Translocation in the Newborn Intestine

Jason Fawley, MD; Shannon M. Koehler, MD, PhD; Susanne M. Cabrera, MD; Vy Lam, PhD; Katherine M. Fredrich; Martin J. Hessner, PhD; Nita H. Salzman, MD, PhD; Keith T. Oldham, MD, FACS; David M. Gourlay, MD, FACS. *Medical College of Wisconsin, Milwaukee*

DISCUSSANT: Moderator(s)

MFG-E8 Reduces Inflammation and Attenuates Lung Injury in Neonatal Sepsis

Laura W. Hansen, MD; Adam Khader, MD; Weng-Lang Yang, PhD; Jeffrey M. Nicastro, MD, FACS; Gene F. Coppa, MD, FACS; Jose M. Prince, MD, FACS; Ping Wang, MD. *Hofstra North Shore-LIJ School of Medicine, The Feinstein Institute for Medical Research, Manhasset, NY*

DISCUSSANT: Moderator(s)

Glucagon-like Peptide-2 Therapy Augments Intestinal Adaptation in a Preclinical Model of Neonatal Short Bowel Syndrome with Distal Intestinal Resection

David W. Lim, MD; Paul W. Wales, MD, FACS, FRCS; Patricia L. Brubaker, PhD; Donna F. Vine, PhD; Patrick N. Nation, DVM, PhD; Pamela Wizzard; David L. Sigalet, MD, PhD, FACS, FRCSC; David L. Bigam, MD, FRCSC; Justine M. Turner, MB, BS, PhD, FRACP. *University of Alberta, Edmonton; University of Toronto, ON; University of Calgary, AB*

DISCUSSANT: Moderator(s)

Serotonin Receptor Agonism Promotes Growth of Postnatal Enteric Neuronal Stem Cells

Lily Cheng, MD; Ryo Hotta, MD, PhD; Hannah K. Graham; Allan M. Goldstein, MD, FACS. *Massachusetts General Hospital, Boston*

DISCUSSANT: Moderator(s)

Lactobacillus Rhamnosus Is Protective against Experimental Necrotizing Enterocolitis in the Setting of Cronobacter Sakazakii Infection

Brian Blackwood, MD; Carrie Y. Yuan; Joseph D. Nicolas; Douglas R. Wood; Catherine J. Hunter, MD, FACS. *Ann and Robert H. Lurie Children's Hospital of Chicago, Northwestern University Feinberg School of Medicine, Rush University Medical Center, Chicago, IL*

DISCUSSANT: Moderator(s)

SF02 | 9:45 am - 1:00 pm Bariatric and Foregut I

Location: W193

TRACK: BTR

MODERATOR: Jacob A. Greenberg, MD, FACS, *Madison, WI*
CO-MODERATOR: Kyle A. Perry, MD, FACS, *Columbus, OH*

Changes in Portal Nutrient Circulation after Sleeve Gastrectomy

Hassan Aliakbarian, MD; Jingge Yang, MD; Eric G. Sheu, MD, DPhil; Atanu Pal; Ali Tavakkoli, MB, BS, FACS. *Brigham and Women's Hospital, Harvard Medical School, Boston, MA*

DISCUSSANT: Moderator(s)

Glycemic Control Mechanisms after Gastric Bypass

Lidia Castagneto Gissey; Marco Raffaelli, MD; Giovanni Casella; Prof. Nicola Basso; Prof. Geltrude Mingrone; Marco Castagneto, MD, FACS. *Catholic University of Rome, State University La Sapienza, Rome, Italy; King's College, London, U.K.*

DISCUSSANT: Eric G. Sheu, MD, DPhil, *Boston, MA*

Hospital Variation in Short-Term Outcomes for Laparoscopic Sleeve Gastrectomy in Michigan

Jason C. Pradarelli; Justin B. Dimick, MD, MPH, FACS. *University of Michigan, Ann Arbor*

DISCUSSANT: Dana A. Telem, MD, FACS, *Stonybrook, NY*

Long-Term Efficacy of Laparoscopic Anti-Reflux Surgery on Regression of Barrett's Esophagus Using BRAVO®

Wireless pH Monitoring

Benjamin C. Knight, MB, BS; Peter G. Devitt, FRACS; David I. Watson, MB, BS, MD, FRACS; Lorelle T. Smith, RN; Glyn G. Jamieson, FRACS; Sarah K. Thompson, MD, PhD, FRACS. *University of Adelaide, Australia; Flinders University, Bedford Park, Australia*

DISCUSSANT: Luke M. Funk, MD, *Madison, WI*

Reoperation after Bariatric Surgery: Still a Devastating Complication

Mark H. Hanna, MD; Zhubin Moghadamyeghaneh, MD; Monica T. Young, MD; Matthew Whealon, MD; Geoffrey C. Darby; Colette S. Inaba, MD; Alessio Pigazzi, MD, FACS; Brian R. Smith, MD; Ninh T. Nguyen, MD, FACS. *University of California, Irvine*

DISCUSSANT: Matthew I. Goldblatt, MD, FACS, *Milwaukee, WI*

Outcomes of Magnetic Sphincter Augmentation—A Community Hospital Perspective

F. Paul Buckley, MD, FACS; Hannah Vassaur; Erin E. Connolly; Andrew J. Borgert, PhD; Kara J. Kallies; Shanu N. Kothari, MD, FACS. *Gundersen Health System, La Crosse, WI; Baylor Scott & White Healthcare, Round Rock, TX*

DISCUSSANT: Douglas S. Smink, MD, MPH, FACS, FRCSGlas(Hon), *Boston, MA*

Nocturnal Regurgitation after Esophagectomy before and after Implementation of a Novel Sleep Device

Joshua A. Boys, MD; Silvina A. Om; Reema Patel; Daniel S. Oh, MD; Jeffrey A. Hagen, MD, FACS; Steven R. DeMeester, MD, FACS. *University of Southern California, Los Angeles*

DISCUSSANT: Anne O. Lidor, MD, FACS, *Baltimore, MD*

Laparoscopic Sleeve Gastrectomy Improves Biochemical Cardiac Risk Factors

John M. Morton, MD, MPH, FACS; Tara Mokharti; Archana A. Nair; Lindsey Voller; Nairi Strauch; Dan E. Azagury, MD; Homero Rivas, MD, MBA, FACS. *Stanford University, CA*

DISCUSSANT: Moderator(s)

One Week Comparison of Circulating Bile Acids in Patients following Roux-en-Y Gastric Bypass vs. Restricted Hypocaloric Diet

Cyrus Jahansouz, MD; Elliot G. Arsoniadis, MD; Daniel B. Leslie, MD, FACS; Anasooya A. Abraham, MD. *University of Minnesota, Minneapolis*

DISCUSSANT: Alfonso Torquati, MD, FACS, *Chicago, IL*

Pneumatic Balloon Dilation: Utility in Postsurgical Foregut Dysphagia Symptoms

Tiffany C. Cox, MD; Laurel J. Blair, MD; Ciara Huntington, MD; Bindhu Oommen, MD, MPH; Dev M. Desai, MD, FACS; Brent D. Matthews, MD, FACS; Vedra A. Augenstein, MD, FACS; B. Todd Heniford, MD, FACS. *Carolinas Medical Center, Charlotte, NC*

DISCUSSANT: Michael Ujiki, MD, FACS, *Evanston, IL*

Major and Minor Complications in Laparoscopic Sleeve Gastrectomy vs. Laparoscopic Roux-en-y Gastric Bypass Procedures: A Meta-Analysis

Muhammed A. Memon, MB, BS, DCH, FRACS, FRCSI, FRCSed, FRCSEng; Emma J. Osland, MPhil; Rossita M. Yunus, PhD; Shahjahan Khan, PhD. *South East Queensland Surgery & Sunnybank Obesity Centre, Sunnybank, Australia*

DISCUSSANT: Moderator(s)

Male Sex Hormones Normalize after Laparoscopic Sleeve Gastrectomy

John M. Morton, MD, MPH, FACS; Tara Mokhrati; Archana A. Nair; Homero Rivas, MD, MBA, FACS; Dan E. Azagury, MD. *Stanford University, CA*

DISCUSSANT: Moderator(s)

SF03 | 11:30 am - 1:00 pm Colon and Rectal Surgery I

Location: W196BC

TRACKS: CRS, ONC

MODERATOR: Elizabeth C. Wick, MD, FACS, *Baltimore, MD*

CO-MODERATOR: Virginia L. D. Shaffer, MD, FACS, *Atlanta, GA*

Factors Associated with Racial Disparities in Rectal Cancer

Meghan C. Nolan, MD; Dennis Hanseman, PhD; Daniel E. Abbott, MD, FACS; Shimul A. Shah, MD, MHCM, FACS; Ian M. Paquette, MD, FACS. *University of Cincinnati, OH*

DISCUSSANT: Melanie S. Morris, MD, *Birmingham, AL*

Is the Probability of Lymph Node Involvement a Prognostic Indicator in Stage III Rectal Cancer Patients?

Christina Lee, MD; Adam C. Sheka; Glen E. Leverson, PhD; Bruce A. Harms, MD, FACS; Charles P. Heise, MD, FACS; Eugene F. Foley, MD, FACS; Evie Carchman, MD; Gregory D. Kennedy, MD, PhD, FACS. *University of Wisconsin, Madison*

DISCUSSANT: Michael F. McGee, MD, FACS, *Chicago, IL*

Comparison of Right vs. Left Colon Cancer: An Analysis of the National Cancer Data Base and Surveillance, Epidemiology and End-Results Data

Sukamal Saha, MD, FACS; Lindsay Berbiglia, DO; Mohammed Shaik, MD; Jill Gernand; Supriya K. Saha, MD; Michael Hicks; Madan Arora, MD; David Wiese, MD, PhD. *McLaren Regional Medical Center, Flint, MI*

DISCUSSANT: Moderator(s)

IGFBP2 Expression Is Associated with Radiation Resistance and Worse Prognosis in Rectal Cancer

Leo Thai, MD; Georgios Karagkounis, MD; Gerald A. Gantt, MD; Jennifer DeVecchio; Matthew F. Kalady, MD, FACS. *Cleveland Clinic, OH*

DISCUSSANT: David Shibata, MD, FACS, *Tampa, FL*

MicroRNA-137 Is Inversely Correlated with DCLK1 Which Is a Potential Distinct Marker for Colon Cancer Stem Cells

Masazumi Sakaguchi, MD; Shigeo Hisamori, MD; Nobu Oshima, MD, PhD; Yoshiharu Sakai, MD, FACS. *Kyoto University, Japan*

DISCUSSANT: Moderator(s)

Transanal vs. Laparoscopic Total Mesorectal Excision for Rectal Cancer: Comparison of the Two-Year Follow-Up

Francisco B. de Lacy, MD; Maria Fernandez-Hevia, MD; Gabriel Díaz del Gobbo, MD; Marta Jiménez-Toscano, MD, PhD; Raquel Bravo, MD; Dulce M. Momblán, MD; Salvadora Delgado, MD, PhD; Antonio M. Lacy, MD, PhD, FASCRS(Hon). *Hospital Clinic of Barcelona, Spain*

DISCUSSANT: Dana M. Hayden, MD, *Maywood, IL*

SF04 | 11:30 am - 1:00 pm Surgical Education I

Location: HMPCC Prairie B

TRACK: EDU

MODERATOR: George M. Fuhrman, MD, FACS, *New Orleans, LA*

CO-MODERATOR: Rachel R. Kelz, MD, FACS, *Philadelphia, PA*

Excellence in Research Award recipient presenting:

Ian R. Flindall, MB, BS, MRCS, *London, UK*

Jordan D. Bohnen, MD, MBA, *Boston, MA*

Yue-Yung Hu, MD, MPH, *Boston, MA*

Structured Cues or Modafinil for Fatigue Amelioration in Clinicians? A Double-Blind Randomised Controlled Trial of Critical Clinical Information Recall in Fatigued Clinicians

Ian R. Flindall, MB, BS, MRCS; Daniel R. Leff, PhD, FRCS; Jonathan Goodship, MB, ChB; Colin Sugden, MB, ChB, MRCS; Ara W. Darzi, MB, BCh, FACS(Hon). *Imperial College London, U.K.*

DISCUSSANT: Rajesh Aggarwal, MD, PhD, MA, FRCS, *Montreal, QC*

Educational Neuroscience with fNIR and Simulation Training of Surgical Tasks

Patricia A. Shewokis, PhD; Faiz U. Shariff, MD; Hasan Ayaz, PhD; Lawrence Greenawald, MD; Mashaal Syed; Yichuan Liu; Jorge L. Uribe, MD; Lucian Panait, MD, FACS; Andres E. Castellanos, MD, FACS; David S. Lind, MD, FACS. *Drexel University, Philadelphia, PA*

DISCUSSANT: William S. Richardson, MD, FACS, *New Orleans, LA*

The Complex Experience of Surgeon Stress in the Operating Room: Need for an Individualized Approach

Natashia M. Seemann, MD; Vicki R. LeBlanc, PhD; Dorotea Mutabdzic, MD; Carol-anne E. Moulton, MD, PhD, FRACS. *University of Toronto, ON*

DISCUSSANT: Carrie A. Sims, MD, FACS, *Philadelphia, PA*

A Novel Approach to Stratifying Learning Potential of Technical Skills in Novice Trainees before Entry into Surgical Training

Marisa Louridas, MD; Peter Szasz, MD; Andras B. Fecso, MD; Teodor P. Grantcharov, MD, FACS. *University of Toronto, ON*

DISCUSSANT: Benjamin T. Jarman, MD, FACS, *La Crosse, WI*

Changing Trends in OR Times between Teaching and Non-Teaching Cases: Less Time for Learning?

Jordan D. Bohnen, MD, MBA; David C. Chang, PhD, MPH, MBA; Brian C. George, MD. *Massachusetts General Hospital, Boston*

DISCUSSANT: Michael O. Meyers, MD, FACS, *Chapel Hill, NC*

Post-Game Analysis: Postoperative Video-Based Coaching for Residents

Yue-Yung Hu, MD, MPH; Laura Mazer, MD; Steven J. Yule, PhD; Alexander F. Arriaga, MD; Caprice C. Greenberg, MD, FACS; Stuart R. Lipsitz; Atul A. Gawande, MD, MPH, FACS; Douglas S. Smink, MD, MPH, FACS. *Brigham and Women's Hospital, Beth Israel Deaconess Medical Center, Boston, MA; University of Wisconsin Hospitals and Clinics, Madison*

DISCUSSANT: Carla M. Pugh, MD, PhD, FACS, *Madison, WI*

SF05 | 2:30 - 4:00 pm Quality, Safety, and Outcomes I

Location: HMPCC Prairie B

TRACK: HP

MODERATOR: Justin B. D. Mick, MD, FACS, *Ann Arbor, MI*

MODERATOR: Samuel R. G. Finlayson, MD, FACS, *Salt Lake City, UT*

Excellence in Research Award recipient presenting:
Christopher Scally, MD, *Ann Arbor, MI*
Jonathan W. Scott, MD, *Cambridge, MA*

Video Ratings of Surgical Skill and Late Outcomes following Bariatric Surgery

Christopher Scally, MD; Oliver A. Varban, MD, FACS; Jyothi R. Thumma, MPH; John D. Birkmeyer, MD, FACS; Justin B. Dimick, MD, MPH, FACS. *University of Michigan, Ann Arbor*

DISCUSSANT: Moderator(s)

Affordable Care Act Insurance Coverage Expansion Associated with Fewer Delays in Seeking Care for Acute Appendicitis

Jonathan W. Scott, MD, MPH; John A. Rose, MD, MPH; Thomas C. Tsai, MD, MPH; Cheryl K. Zogg, MSPH, MHS; Ali Salim, MD, FACS; Adil H. Haider, MD, MPH, FACS. *Center for Surgery and Public Health, Brigham and Women's Hospital, Harvard School of Public Health, Boston, MA*

DISCUSSANT: Moderator(s)

Surgeons' Leadership Style and Team Behavior in the Operating Room

Yue-Yung Hu, MD, MPH; Sarah H. Parker, PhD; Stuart R. Lipsitz; Alexander F. Arriaga, MD; Sarah E. Peyre; Katherine Corso, MPH; Emilie M. Roth, PhD; Steven J. Yule, PhD; Caprice C. Greenberg, MD, FACS. *Brigham and Women's Hospital, Beth Israel*

Deaconess Medical Center, Boston, MA; University of Wisconsin Hospitals and Clinics, Madison

DISCUSSANT: Moderator(s)

Does a Surgeon's Perceptions of Treatment Risks and Benefits Influence Their Decision to Operate?

Gregory D. Sacks, MD, MPH; Aaron J. Dawes, MD; Melinda Maggard Gibbons, MD, MSHS, FACS; Robert H. Brook, MD; Susan L. Ettner, PhD; Craig R. Fox, PhD; Clifford Y. Ko, MD, MS, MSHS, FACS, FASRCS; Marcia M. Russell, MD, FACS. *University of California, Los Angeles*

DISCUSSANT: Moderator(s)

Are Hospital Surgical Quality Teams Well Versed in Carrying out Quality and Process Improvement Initiatives: A Baseline Assessment of QI Knowledge at 55 Illinois Hospitals

Elizabeth R. Berger, MD; Kevin J. O'Leary, MD; Julie K. Johnson, MSPH, PhD; Stephen P. Reinhart, MBA; Paula R. Farrell, RN; Anthony D. Yang, MD, FACS; Katherine A. Barsness, MD, FACS; Amy L. Halverson, MD, FACS; Juliana M. Thomas, MPH; Karl Y. Bilimoria, MD, FACS. *Illinois Surgical Quality Improvement Collaborative (ISQIC), Chicago, IL*

DISCUSSANT: Moderator(s)

Does Use of the ACS NSQIP® Calculator Change a Surgeon's Decision to Operate? A Randomized Trial

Gregory D. Sacks, MD, MPH; Aaron J. Dawes, MD; Marcia M. Russell, MD, FACS; Robert H. Brook, MD; Susan L. Ettner, PhD; Craig R. Fox, PhD; Clifford Y. Ko, MD, MS, MSHS, FACS, FASRCS; Melinda Maggard Gibbons, MD, MSHS, FACS. *University of California, Los Angeles*

DISCUSSANT: Moderator(s)

SF06 | 2:30 - 5:45 pm

Cardiac Surgery

Location: W181

TRACK: CTS

MODERATOR: Ravi K. Ghanta, MD, FACS, *Charlottesville, VA*

CO-MODERATOR: Frederick Y. Chen, MD, FACS, *Boston, MA*

Short- and Long-Term Heart Transplant Recipient Outcomes Are Adversely Affected by Donor pH

Carol W. Chen, MD; Ann C. Gaffey, MD; Mariell Jessup, MD; Michael A. Acker, MD; Pavan Atluri, MD, FACS. *University of Pennsylvania, Philadelphia*

DISCUSSANT: Leora T. Yarboro, MD, *Charlottesville, VA*

Bridge with a Left Ventricular Assist Device to a Simultaneous Heart and Kidney Transplant: Review of the United Network for Organ Sharing Database

Ann C. Gaffey, MD; Carol W. Chen, MD; Renganaden V. Soopan, MD; Alen Trubelja; Michael A. Acker, MD; Pavan Atluri, MD, FACS. *Hospital of the University of Pennsylvania, Philadelphia*

DISCUSSANT: Leora T. Yarboro, MD, *Charlottesville, VA*

Matrix Gla-Protein Inhibits the TLR-4 Induced Osteogenic Response in Human Aortic Valve Interstitial Cells

Neil Venardos, MD; Thomas B. Reece, MD, FACS; Mike J. Weyant, MD, FACS; Xianzhong Meng, MD, PhD; David A. Fullerton, MD, FACS. *University of Colorado, Aurora*

DISCUSSANT: Jennifer S. Lawton, MD, FACS, *St. Louis, MO*



Financial Burden of Acute Kidney Injury following Cardiac Surgery

Husain N. Alshaikh, MD; Seema Kacker; Nevin M. Katz, MD, FACS; Joseph K. Canner, MHS; Eric B. Schneider, PhD. *Johns Hopkins School of Medicine, Baltimore, MD*

DISCUSSANT: Kenneth G. Warner, MD, FACS, *Needham, MA*

Postoperative Outcomes of Surgical Sutureless Aortic Valve Replacement (SU-AVR) vs. Transcatheter Aortic Valve Implantation (TAVI) for Severe Symptomatic Aortic Stenosis (SSAS)

Jane Chung; Anastasia Postoev; Asia Filatov; Latin Ladoris; Angel Farinas, MD; Christian X. Cruz Pico, MD; Angelina Postoev, MD, FACS; Christopher Ibikunle, MD, FACS; Aliu Sanni, MD. *Georgia Regents University and the University of Georgia Medical Partnership, Athens; Georgia Surgicare, Loganville*

DISCUSSANT: Kenneth G. Warner, MD, FACS, *Needham, MA*

Pellino1, A Novel Molecule in the VEGF Signaling Pathway Rescues Left Ventricular Function and Angiogenesis after Myocardial Infarction (MI) in Flk-1+/- Mice

Ibnaalwalid Saad, MD, MRCS; Thirunavukkarasu Mahesh, PhD; Vladimir Coca-Soliz, MD; Vaithinathan Selvaraju, PhD; J. Alexander Palesty, MD, FACS; Nilanjana Maulik, PhD, FAHA. *University of Connecticut Health Center, Farmington*

DISCUSSANT: Ravi K. Ghanta, MD, *Charlottesville, VA*

Bag3+ P209L Transgene Provides a Cardiac-Specific Murine Model of Non-Ischemic Cardiomyopathy

Megan T. Quintana, MD; Monte S. Willis, MD, PhD; William E. Stansfield, MD, FACS. *University of North Carolina School of Medicine, Chapel Hill; Boston University, MA; University of Toronto, ON*

DISCUSSANT: Jennifer S. Lawton, MD, FACS, *St. Louis, MO*

Genetic Deletion of Adenosine Triphosphate-Sensitive Potassium Channel Subunit Kir6.2 Paradoxically Confers Increased Tolerance to Myocyte Stress

Matthew C. Henn, MD; M. Burhan Janjua, MD; Haixia Zhang, PhD; Evelyn M. Kanter; Carol M. Makepeace; Richard Schuessler; Colin G. Nichols, PhD; Jennifer S. Lawton, MD, FACS. *Washington University School of Medicine, St. Louis, MO*

DISCUSSANT: Pavan Atluri, MD, *Philadelphia, PA*

Myocytes with Gain-of-Function of Adenosine Triphosphate-Sensitive Potassium Channel Subunit Kir6.1 Have Altered Response to Stress of Hyperkalemic Cardioplegia

Matthew C. Henn, MD; M. Burhan Janjua, MD; Haixia Zhang, PhD; Evelyn M. Kanter; Carol M. Makepeace; Richard Schuessler; Colin G. Nichols, PhD; Jennifer S. Lawton, MD, FACS. *Washington University School of Medicine, St. Louis, MO*

DISCUSSANT: Ravi K. Ghanta, MD, *Charlottesville, VA*

Prognostic Implication of Preoperative Chronic Kidney Disease and Anemia in Patients Undergoing Coronary Artery Bypass Graft Surgery

Takuya Ogami; Yuya Matsue, MD, PhD; Nobuyasu Kano, MD, FACS; Hiroaki Tanabe, MD. *Kameda Medical Center, Chiba, Japan*

DISCUSSANT: Pavan Atluri, MD, *Philadelphia, PA*

SF07 | 2:30 - 5:45 pm

General Surgery I

Location: W196BC

TRACK: GEN

MODERATOR: Mike K. Liang, MD, FACS, *Houston, TX*

CO-MODERATOR: Jon S. Roth, MD, FACS, *Lexington, KY*

Excellence in Research Award recipient presenting:
Zeinab Alawadi, MD, *Houston, TX*

Prospective, International Study of Laparoscopic (LVHR) vs. Open Ventral Hernia Repair (OVHR)

Tiffany C. Cox, MD; Laurel J. Blair, MD; Ciara Huntington, MD; Tanushree Prasad; Brent D. Matthews, MD, FACS; Vedra A. Augenstein, MD, FACS; B. Todd Heniford, MD, FACS. *Carolinas Medical Center, Charlotte, NC*

DISCUSSANT: Moderator(s)

Watchful Waiting as a Treatment Strategy for Patients with a Ventral Hernia Is Safe: A Single-Center Cohort Study

Dunja Kokotovic; Henrik Sjølander; Prof. Ismail Gögenur, MD; Frederik Helgstrand, MD. *Køge Hospital, Denmark*

DISCUSSANT: Moderator(s)

Platelet Rich Plasma Enhances Mechanical Properties of Non-Crosslinked Acellular Dermal Matrices in Rat Model of Ventral Hernia Repair

Joseph S. Fernandez-Moure, MD; Anuj Chaudhry, PhD; Christie M. Bergerson; Jeffrey L. Van Eps, MD; Fernando Cabrera, MD; Bradley K. Weiner, MD; Warren A. Ellsworth, MD, FACS; Michael R. Moreno, PhD; Raffaella Righetti, PhD; Ennio Tasciotti, PhD. *Houston Methodist Hospital, TX; Texas A&M University, College Station*

DISCUSSANT: Moderator(s)

An In-Vivo Analysis of Miromesh®—A Novel Non-Crosslinked Decellularized Porcine Liver Prosthetic

Clayton C. Petro, MD; Ajita S. Prabhu, MD; Arnab Majumder, MD; James M. Anderson, MD, PhD; Chad Zender, MD. *University Hospitals Case Medical Center, Cleveland, OH*

DISCUSSANT: Moderator(s)

Lightweight vs. Midweight Polypropylene Mesh in 948 Open Ventral Hernia Repairs (OVHR)

Laurel J. Blair, MD; Ciara Huntington, MD; Tiffany C. Cox, MD; Tanushree Prasad; Amy E. Lincourt, PhD, MBA; Vedra A. Augenstein, MD, FACS; B. Todd Heniford, MD, FACS. *Carolinas Medical Center, Charlotte, NC*

DISCUSSANT: Moderator(s)

Evaluation of Long-Term Surgical Site Occurrences in Ventral Hernia Repair: Implications of Preoperative Site-Independent MRSA Infection

Rebecca B. Baucom, MD; Jenny Ousley; Omobolanle O. Oyefule; Melissa K. Stewart, MD; Sharon E. Phillips, MSPH; Kristy L. Kummerow, MD; Kenneth W. Sharp, MD, FACS; Michael D. Holzman, MD, MPH, FACS; Benjamin K. Poulouse, MD, MPH, FACS. *Vanderbilt University Medical Center, Nashville, TN*
DISCUSSANT: Moderator(s)

The Cost of Ventral Hernia Recurrence—A Cost Analysis of Laparoscopic and Open Repair at Initial Surgery with Recurrence Repair

Daniel Davila, MD; Niraj Parikh; Matthew I. Goldblatt, MD, FACS. *Medical College of Wisconsin, Milwaukee; Medtronic, Inc., Mansfield, MA*
DISCUSSANT: Moderator(s)

Biologic Mesh: Outcomes, Recurrence Rate, and Cost Analysis

Ciara Huntington, MD; Tiffany C. Cox, MD; David Randolph; Laurel J. Blair, MD; Tanushree Prasad; B. Todd Heniford, MD, FACS; Vedra A. Augenstein, MD, FACS. *Carolinas Medical Center, Charlotte, NC*
DISCUSSANT: Moderator(s)

Patients and Their Ventral Hernias: Impact on Quality of Life and Expectations of Treatment

Zeinab Alawadi, MD; Juan R. Flores Gonzales, MD; Isabel Leal, PhD; Luke R. Putnam, MD; Julie L. Holihan, MD; Lillian S. Kao, MD, FACS; Tien C. Ko, MD, FACS; Mike K. Liang, MD, FACS. *University of Texas Health Science Center, Houston*
DISCUSSANT: Moderator(s)

International, Prospective Comparison of Open Inguinal Hernia Repair Techniques: Two-Year Quality of Life (QOL) and Recurrence Outcomes in More than 1300 Patients

Tiffany C. Cox, MD; Laurel J. Blair, MD; Ciara Huntington, MD; Erwin VanGeffen, MD, PhD; Tanushree Prasad; Amy E. Lincourt, PhD, MBA; Brent D. Matthews, MD, FACS; Vedra A. Augenstein, MD, FACS; B. Todd Heniford, MD, FACS. *Carolinas Medical Center, Charlotte, NC; Jeroen Bosch Ziekenhuis, Eindhoven Area, Netherlands*
DISCUSSANT: Moderator(s)

Long-Term Quality of Life Outcomes in Laparoscopic and Open Repair of the Flank Hernia: A Prospective, International Study

Ciara Huntington, MD; Laurel J. Blair, MD; Tiffany C. Cox, MD; Tanushree Prasad; Vedra A. Augenstein, MD, FACS; B. Todd Heniford, MD, FACS. *Carolinas Medical Center, Charlotte, NC*
DISCUSSANT: Moderator(s)

The Surgical Outcomes Measurement System (SOMS) Is a Superior Measure of Patient-Centered Outcomes following Hernia Repair

Yalini Vigneswaran, MD; Matthew E. Gitelis; Brittany Lapin, MPH; Edward Wang, PhD; Zeeshan Butt, PhD; Joann M. Carbray; Sakeena Payne, MD. *NorthShore University HealthSystem, Evanston, IL; University of Chicago, Northwestern University, IL*
DISCUSSANT: Moderator(s)

SF08 | 2:30 - 5:45 pm

Global Surgery

Location: W470B

TRACK: HUM

MODERATOR: Sanjay Krishnaswami, MD, FACS, *Portland, OR*

CO-MODERATOR: Anthony G. Clarks, MD, MPH, FACS, *Chapel Hill, NC*

Analysis of a Hospital-Based Trauma Registry in Rural Cameroon: Description of Initial Results and Recommendations

Micaela M. Esquivel, MD; Chao Long; Kasumba M. Kaggya, MD; Tarsicio Uribe-Leitz, MD, MPH; Thomas G. Weiser, MD; Sherry M. Wren, MD, FACS. *Stanford University School of Medicine, CA*
DISCUSSANT: Moderator(s)

An Age Old Problem: Geriatric Trauma in Sub-Saharan Africa

Jared R. Gallaher, MD; Charles E. Mabedi, MB, BS; Bruce A. Cairns, MD, FACS; Anthony G. Charles, MB, BS, FACS. *University of North Carolina at Chapel Hill; Kamuzu Central Hospital, Lilongwe, Malawi*
DISCUSSANT: Moderator(s)

Trauma Severity and Not the Socioeconomic Variables Determine the Survival after Penetrating Trauma in a Middle-Income Country

Albert F. Garcia, MD; Juan Sanjuan, MD; Alvaro I. Sanchez Ortiz, MD; Maria I. Gutierrez, MD, PhD; Juan Carlos Puyana, MD, FACS. *Universidad Icesi, Cali, Colombia*
DISCUSSANT: Moderator(s)

Surgical and Trauma Care in Low- and Middle-Income Countries: A Systematic Review of Tools to Evaluate Capacity

Kevin J. Blair; Lorenzo Paladino, MD; Pamela Shaw; Steven J. Schuetz; Michael B. Shapiro, MD, FACS; Benedict C. Nwomeh, MB, BS, MPH, FACS; Mamta Swaroop, MD, FACS. *Northwestern University, Chicago, IL*
DISCUSSANT: Moderator(s)

Determinants of Postoperative Complication and Perioperative Mortality Rates after Laparotomy at a Large Referral Center in Rwanda

George N. Baison; Rebecca G. Maine, MD, MPH; Georges Ntakiyiruta, MD; Joel M. Mubiligi, MD; John G. Meara, MD, FACS; Robert Riviello, MD, MPH, FACS. *Harvard Medical School, Boston Childrens Hospital, Brigham and Womens Hospital, Boston, MA*
DISCUSSANT: Moderator(s)

Outcomes of Peritonitis in Sub-Saharan Africa: An Issue of Access to Surgical Care

Jared R. Gallaher, MD; Charles E. Mabedi, MB, BS; Bruce A. Cairns, MD, FACS; Anthony G. Charles, MB, BS, FACS. *University of North Carolina at Chapel Hill; Kamuzu Central Hospital, Lilongwe, Malawi*
DISCUSSANT: Moderator(s)

Surgical Diagnosis and Procedure Codes for Outcomes Research in a Ugandan Regional Referral Hospital: The Mbarara Experience

Charles Liu; Johanna N. Riesel, MD; Deus Twesigye, MB, ChB; Godfrey Mugenyi, MB, ChB; Joseph N.J. Ngonzi, MB, ChB, MMED; Frank Sanyu; Stephen Ttendo, MB, ChB; Nicholas Musinguzi; Rhina Mushagara; Paul G. Firth, MB, ChB. *Mbarara Regional Referral Hospital, Uganda; Massachusetts General Hospital, Boston*

DISCUSSANT: Moderator(s)

Systematic Evaluation of National Surgical Capacity in Lebanon in Times of Crisis and Refugees

Elie P. Ramly, MD; David D.R. Rahbani, MD; Jawad Khalifeh; Jamal J. Hoballah, MD, MBA, FACS; Haytham M.A. Kaafarani, MD, MPH, FACS. *Massachusetts General Hospital, Boston; American University of Beirut Medical Center, Lebanon*

DISCUSSANT: Moderator(s)

Brain Gain: A Priority for Developing Countries

Girma Tefera, MD, FACS. *University of Wisconsin, Madison*

DISCUSSANT: Moderator(s)

Identifying the Unique Non-Technical Skills Used by Surgeons Operating in Low-and-Middle Income Contexts

Jonathan W. Scott, MD, MPH; Georges Ntakiyiruta, MD; Zeta A. Mutabazi; Douglas S. Smink, MD, MPH, FACS; Robert Riviello, MD, MPH, FACS; Steven J. Yule, PhD. *Brigham and Women's Hospital, Boston, MA; University Teaching Hospital Kigali, University of Rwanda, Kigali*

DISCUSSANT: Moderator(s)

Taking Telemedicine Where It Was Never Before as Sustainable Form of Surgical Volunteerism: Report from the Balkans and an Island Nation of West Africa

Rifat Latifi, MD, FACS; Ronald C. Merrell, MD, FACS. *University of Arizona, International Virtual e-Hospital Foundation, University of Arizona, Tucson*

DISCUSSANT: Moderator(s)

A Randomized Control Trial Focused on Breast Core Needle Biopsy Skill Acquisition Using High-Fidelity vs. Low-Fidelity Simulation Models in Rwanda: A Baseline Analysis

Shilpa S. Murthy, MD, MPH; Robert Riviello, MD, MPH, FACS; Gary L. Dunnington, MD, FACS; David Rosman, MD, MBA; Sughra Raza, MD; Susan L. Troyan, MD, FACS; Georges Ntakiyiruta, MD. *Brigham and Women's Hospital, Boston, MA; University of Rwanda, Kigali*

DISCUSSANT: Moderator(s)

SF09 | 2:30 - 5:45 pm

Hepatobiliary and Pancreas I

Location: HMPCC Grant Park AB

TRACK: GEN

MODERATOR: Kaye M. Reid Lombardo, MD, FACS, Rochester, MN

CO-MODERATOR: Kenzo Hirose, MD, FACS, Baltimore, MD

Excellence in Research Award recipient presenting:

Andre Valentin, Brooklyn, NY

REG1 Promotes the Development of Chemoresistance in Pancreatic Cancer Cells through Activation of AKT

Andre Valentin; Ramy Abdel-Naby, MD; Albert Stanek, MD; Yashoda Persaud; Christina Helmi; Zuzanna Niewiadomska; Cathy M. Mueller; Peiqi Ou; Antonio E. Alfonso, MD, FACS; Chongmin Huan, MD, PhD. *State University of New York Downstate Medical Center, Brooklyn*

DISCUSSANT: Moderator(s)

Implantation of Re-Endothelialized Liver Constructs for Whole Organ Engineering: Scale-Up for Translational Applications

Andrea Peloso, MD; Peng Li, MD; In Kap Ko, PhD; Charesa Smith; Abritee Dhal, PhD; John D. Jackson, PhD; Thomas Shupe, PhD; Shay Shoker, PhD; James Yoo, MD, PhD; Anthony Atala, MD, FACS. *Wake Forest School of Medicine, Winston-Salem, NC*

DISCUSSANT: Scott L. Nyberg, MD, FACS, Rochester, MN

Methylprednisolone or N-Acetylcysteine in Hepatic Resections: Results from a Pilot, Double-Blind, Randomized Clinical Trial

Matteo Donadon, MD; Andrea Forastieri Molinari, MD; Francesco Corazzi, MD; Laura Rocchi, MD; Paola Zito, MD; Matteo Cimino, MD; Guido Costa, MD; Ferdinando Raimondi, MD; Guido Torzilli, MD, PhD, FACS. *Humanitas Research Hospital Rozzano, Milan, Italy*

DISCUSSANT: Dhires R. Jeyarajah, MD, FACS, Dallas, TX

Luteolin Affects Human Hepatic Stellate Cell Proliferation via STAT3 Pathway

Fredrick J. Bohanon, MD; Arline J. Kandathiparampil, MD; Xiaofu Wang; Cristiana Rastellini, MD; Jia Zhou, PhD; Ravi S. Radhakrishnan, MD, MBA, FACS, FAAP. *University of Texas Medical Branch, Galveston*

DISCUSSANT: T. Clark Gamblin, MD, FACS, Milwaukee, WI

Ursodeoxycholic Acid Acts via EGFR, COX-2, and EP2 Dependent Mechanisms to Promote Enterocyte Migration

Jamie Golden, MD; Patil Kavarian; Oswaldo H. Escobar; Avafia Y. Dossa, MD; Laura Illingworth; Henri R. Ford, MD, FACS; Christopher P. Gayer, MD, PhD, FACS. *Children's Hospital Los Angeles, CA*

DISCUSSANT: Michael G. Sarr, MD, FACS, Rochester, MN

Differential Mechanisms for Insulin-Positive Gene Expression in an Alpha Cell Line

Iljana M. Gaffar, MD; Xiangwei Xiao; Krishna Prasad, PhD; Ping Guo; Chiyo Shiota; John Wiersch; George K. Gittes, MD, FACS. *University of Pittsburgh, PA*

DISCUSSANT: Moderator(s)

Malignant Potential in Pancreatic Neoplasm; New Insights Provided by Circulating miR-223 in Plasma

Shuhei Komatsu, MD, PhD, FACS; Daisuke Ichikawa, MD; Mahito Miyamae, MD; Ryo Morimura, MD; Hisashi Ikoma; Hirota Konishi, MD; Atsushi Shiozaki, MD, PhD; Hiroki Taniguchi, MD, PhD; Eigo

Otsuji. *Kyoto Prefectural University of Medicine, Japan*

DISCUSSANT: Christopher L. Wolfgang, MD, FACS, *Baltimore, MD*

Preclinical Evaluation of New Therapies Using a Novel Mouse Model of Pancreatic Cancer That Recapitulates the Tumor Stromal and Immune Microenvironment

Kaustav Majumder, MB, BS; Shrey Modi, MB, BS; Rohit K. Chugh, MD; Sulagna Banerjee, PhD; Ashok Saluja, PhD; Vikas Dudeja, MD. *University of Minnesota, Minneapolis*

DISCUSSANT: Cristina R. Ferrone, MD, FACS, *Boston, MA*

Multiple Minor Hepatectomies vs. Major or Extended Hepatectomies for Colorectal Liver Metastases: A Propensity Score-Matched Dual-Institution Analysis

Matteo Donadon, MD; Matteo Cescon, MD; Alesandro Cucchetti, MD; Matteo Cimino, MD; Guido Costa, MD; Giorgio G.E. Ercolani, MD, PhD; Antonio D. Pinna, MD; Guido Torzilli, MD, PhD, FACS. *Humanitas Research Hospital, Milano, Italy; Sant'Orsola Malpighi Hospital, Bologna, Italy*

DISCUSSANT: Matthew J. Weiss, MD, FACS, *Baltimore, MD*

Community Health Indicators Associated with Outcomes of Pancreatectomy

Lauren Pointer, MD; Zaid Al-Qurayshi, MB, ChB, MPH; Emad Kandil, MB, BCh, FACS; Douglas P. Slakey, MD, FACS. *Tulane University School of Medicine, New Orleans, LA*

DISCUSSANT: Taylor S. Riall, MD, PhD, FACS, *Galveston, TX*

Readmission after Pancreaticoduodenectomy: An Analysis of Risk Factors and Timing of Complications

Mark H. Hanna, MD; Zhubin Moghadamyeghaneh, MD; Reza Fazl Alizadeh, MD; Adrienne Nguyen; Maki Yamamoto, MD; Michael J. Stamos, MD, FACS, FASCRS; Aram N. Demirjian, MD, FACS; David K. Imagawa, MD, PhD, FACS. *University of California, Irvine*

DISCUSSANT: Moderator(s)

Novel Concept of Electrocoagulation and Tumor Cell Implantation: Creation of Minimally Invasive Orthotopic Murine Model of Pancreatic Cancer

Jasneet S. Bhullar, MD; Yaniv Cozakov, MD; Neha Varshney, MD; Sandiya Bindroo, MD; Gokulakrishna Subhas, MB, BS; Sushant Chaudhary, MD; Jacqueline Tilak; Milessa Decker; Michael J. Jacobs, MD, FACS; Vijay K. Mittal, MD, FACS. *Providence Hospital & Medical Centers, Southfield, MI; University of Toledo, OH*

DISCUSSANT: Diane M. Simeone, MD, FACS, *Ann Arbor, MI*

**SF10 | 2:30 - 5:45 pm
Surgical Education II**

Location: W471A

TRACK: EDU

MODERATOR: Anne C. Larkin, MD, FACS, *Shrewsbury, MA*
CO-MODERATOR: Michael S. Nussbaum, MD, FACS, *Jacksonville, FL*

CO-MODERATOR: Bradley R. Davis, MD, FACS, FASCRS, *Cincinnati, OH*

CO-MODERATOR: Joseph M. Galante, MD, FACS, *Sacramento, CA*

Effect of Visuospatial Training on Surgical Skill Acquisition

Marie-Christine Wright, JD; Carolyn B. Drake; Nuha Alsaleh, FRCSC; James R. Korndorffer, Jr., MD, MHPE, FACS. *Tulane University School of Medicine, New Orleans, LA*

DISCUSSANT: Moderator(s)

A Novel Thyroid Ultrasound Proficiency Metric Designed through a Multidisciplinary Delphi Approach

Alex D. Michaels, MD; Yinin Hu, MD; Philip W. Smith, MD, FACS; John B. Hanks, MD, FACS; Worthington G. Schenk III, MD, FACS; Rachita Khot, MD. *University of Virginia, Charlottesville*

DISCUSSANT: Moderator(s)

Passing the Objective Structured Assessment of Technical Skill (OSATS) Exam Predicts Future Technical Skills Performance in Surgical Trainees

Sandra L. de Montbrun, MD; Teodor P. Grantcharov, MD, FACS. *University of Toronto, St. Michael's Hospital, ON*

DISCUSSANT: Moderator(s)

Assessment and Reliability of General Surgery Residents' Intraoperative Communication Skills

Aimee K. Gardner, PhD; Michael A. Russo, MD; Ibrahim I. Jabbour, MD, MPH; Matthew Kosemund; Deborah Hogg; Daniel J. Scott, MD, FACS. *University of Texas Southwestern Medical Center, Dallas*

DISCUSSANT: Moderator(s)

A Novel Predictive Scoring Tool (Hock Score) for Selecting Optimal Trainee Operative Cases in Management of Appendicitis

Hock Ping Cheah; Bronwyn Shin, MB, BS; Kenneth Wong, MB, BS(Hon), FRACS. *Central Coast Local Health Network, Gosford, Australia*

DISCUSSANT: Moderator(s)

Emotional Intelligence as a Predictor of Resident Wellness

Dana T. Lin, MD; Cara A. Liebert, MD; James N. Lau, MD, FACS; Arghavan Salles, MD, PhD. *Stanford University School of Medicine, CA*

DISCUSSANT: Moderator(s)

Belonging as a Measure of Risk of Attrition

Arghavan Salles, MD, PhD; Cara A. Liebert, MD; Dana T. Lin, MD. *Stanford Hospital & Clinics, CA*
DISCUSSANT: Arthur Rawlings, MD, FACS, *Columbia, MO*

A Multi-Institutional Survey of Burnout in U.S. General Surgery Residents

Isaiah R. Turnbull, MD; Donna B. Jeffe, PhD; Leisha C. Elmore, MD, MPH; Linda X. Jin, MD; Grant V. Bochicchio, MD, FACS; Michael M. Awad, MD, PhD, FACS. *Washington University in St. Louis, MO*

DISCUSSANT: Carl Eugene Haisch, MD, FACS, *Greenville, NC*

Efficacy of a Comprehensive Educational Program to Improve Surgical Residents' Comfort Obtaining Informed Consent

Sarah Koller, MD; Michael B. Goldberg, MD; Daohai Yu, PhD; Charles Conklin; Amy J. Goldberg, MD, FACS. *Temple University Hospital, Philadelphia, PA*
DISCUSSANT: Jennifer N. Choi, MD, FACS, *Indianapolis, IN*

The Utility of Mock Oral Exams for Program Improvement

Shari L. Meyerson, MD, FACS; Stuart Lipnick, MD, FACS; Edward F. Hollinger, Jr., MD, FACS. *Northwestern University, University of Illinois at Chicago, Rush University Medical Center, Chicago, IL*
DISCUSSANT: George M. Fuhrman, MD, FACS, *New Orleans, LA*

Self-Awareness of Learning Styles among Surgical Trainees

John Henry Y. Pang, MD; Austin Goetz, MD; Lauren Hook; Amit R.T. Joshi, MD, FACS; Pak S. Leung, MD. *Albert Einstein Medical Center, Philadelphia, PA*
DISCUSSANT: Amy T. Makley, MD, *Cincinnati, OH*

SF11 | 2:30 - 5:45 pm

Surgical Oncology I

Location: W470A

TRACK: ONC

MODERATOR: James S. Tomlinson, MD, PhD, FACS, *Los Angeles, CA*

CO-MODERATOR: Jen Jen Yeh, MD, FACS, *Chapel Hill, NC*

Early Immune Infiltrate and Tumor-Specific Immune Response Resulting in Improved Survival with Combination of Local Chemotherapy and Immune Checkpoint Blockade

Jamie M. Green, MD; Alexander Rudensky, PhD; Charlotte E. Ariyan, MD, FACS. *Memorial Sloan Kettering Cancer Center, New York, NY*
DISCUSSANT: Moderator(s)

Intraoperative Molecular Imaging for Detecting Subcentimeter Pulmonary Tumors

Jane Keating, MD; Ryan P. Judy; Jack Jiang; Elizabeth M. De Jesus; Evan C. Crisman; Sunil Singhal, MD, FACS. *University of Pennsylvania, Philadelphia*
DISCUSSANT: Moderator(s)

MDM-2 Overexpression in Human Stem-Like and Mature Colon Cancer Cells as a Target for Anti-Cancer Therapy: Steps toward a Translational Model

Mohammad F. Shaikh, MD; Blake D. Babcock, MD; Elizabeth Gleeson, MD, MPH; Patrice Love; Katlin Davitt; Yelena Piazza, MD; Deshka Foster, MD; Teerin Meckmongkol, MD, PhD; Matthew R. Pincus, MD, PhD; Wilbur B. Bowne, MD, FACS. *Drexel University College of Medicine, Philadelphia, PA; New York Harbor View VA, Brooklyn*
DISCUSSANT: Moderator(s)

The RON Kinase Signals through GIV to Regulate Pancreatic Cancer Metastasis

Jeffery Chakedis, MD; Nicolas Aznar, PhD; Dawn Jaquish; Pradipta Ghosh, MD; Andrew M. Lowy, MD, FACS. *University of California, San Diego*
DISCUSSANT: Moderator(s)

A Metabolomics-Based Understanding of Pro-Tumorigenic Hypoxia Inducible Factor-1 α Activity in Pancreatic Cancer and Local Macrophages

Jeniann A. Yi, MD; Angelo D'Alessandro, PhD; Travis Nemkov; Kirk Hansen, PhD; Anirban Banerjee, PhD; Ernest E. Moore, MD, FACS; Karim C. El Kasmi, MD, PhD; Carlton C. Barnett, Jr., MD, FACS. *University of Colorado, Denver Health Medical Center*
DISCUSSANT: Moderator(s)

Responsively Deregulated miR-652/ZEB-1 Pathway in Extracellular Acidity Promotes Epithelial-Mesenchymal Transition of Pancreatic Cancer Cells

Gang Zhao, PhD; Shi-chang Deng; He-shui Wu; Prof. Chun-you Wang. *Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China*
DISCUSSANT: Moderator(s)

Neurotensin Enhances Hepatocyte Proliferation in Fibrolamellar Hepatocellular Carcinoma

Kevin M. Riggie, MD; Heidi L. Kenerson; Kimberly J. Riehle, MD, FACS; Raymond S. Yeung, MD, FACS. *University of Washington, Seattle Children's Hospital*
DISCUSSANT: Moderator(s)

Acid-Sensing Ion Channels Contributes to Acidic Microenvironment-Induced Epithelial Mesenchymal Transition of Pancreatic Cancer through Activating Ca²⁺/RhoA Pathway

Gang Zhao, PhD; Shuai Zhu, PhD; Heshui Wu; Prof. Chunyou Wang. *Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China*
DISCUSSANT: Moderator(s)

Optimizing Ultrasound Molecular Imaging of Secreted Frizzled Related Protein 2 Expression in Murine Angiosarcoma

Nicholas P. Schaub, MD; James K. Tsuruta, PhD; Jason E. Streeter, PhD; Nancy Klauber-DeMore, MD, FACS; Paul Dayton, PhD. *University of North Carolina at Chapel Hill; Medical University of South Carolina, Charleston*
DISCUSSANT: Moderator(s)

Differentially Expressed Gene Signature Associated with Metastasis and Poor Outcome in Pancreatic Cancer Patients

Raoud Marayati, MD; Rebecca L. Whittlesey; Jen Jen Yeh, MD, FACS. *University of North Carolina at Chapel Hill*
DISCUSSANT: Moderator(s)

Using Next-Generation Sequencing to Determine Potential Molecularly Guided Therapy Options for Patients with Resectable Pancreatic Adenocarcinoma

G. Paul Wright, MD; David W. Chesla; Mathew H. Chung, MD, FACS. *Grand Rapids Medical Education Partners/Michigan State University, Spectrum Health System, MI*
DISCUSSANT: Moderator(s)

SF12 | 2:30 - 5:45 pm

Urological Surgery I*Location: W193*

TRACK: URO

MODERATOR: Tracy M. Downs, MD, FACS, *Madison, WI*CO-MODERATOR: Viraj Mastea, MD, FACS, *Atlanta, GA*

Excellence in Research Award recipient presenting:

Kumar Jayant, MD, *Kota, India***To Evaluate the Combination of Two Different Alpha-1 Blockers with One Phosphodiesterase-5 Inhibitor (PDE-5) as Medical Expulsive Therapy for Distal Ureteric Calculi**Kumar Jayant, MD; Rajendra Agrawal; Swati Agrawal, MB, BS, MRCOG. *Sudha Hospital & Medical Research Centre, Kota, India*

DISCUSSANT: Moderator(s)

The Durability of Digital Flexible Ureteroscopes in an Academic Setting with Multiple SurgeonsChristopher J. Martin, MD; Rafael Nunez-Nateras, MD; Mitchell R. Humphreys, MD. *Mayo Clinic, Phoenix, AZ*

DISCUSSANT: Moderator(s)

The Affect of PSA-Associated Single Nucleotide Polymorphisms on African-American Male PSA ValuesJustin R. Gregg, MD; Peter E. Clark, MD; William S. Bush, PhD. *Vanderbilt University Medical Center, Nashville, TN*

DISCUSSANT: Moderator(s)

Ureter Visualization with MAO426 in the Near-Infrared SpectrumRaul J. Rosenthal, MD, FACS; Fernando Dip, MD; Mayank Roy, MB, BS, MRCS; David Nguyen, MD; Philip Low, PhD; Sakkarapalayam Mahalingam, PhD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; Steven D. Wexner, MD, PhD (Hon), FACS, FRCS. *Cleveland Clinic Florida, Weston; Purdue University, West Lafayette, IN*

DISCUSSANT: Moderator(s)

Adhesive Bowel Obstruction following Urologic Surgery: Improved Outcomes with Early InterventionRobert H. Blackwell, MD; Anai N. Kothari, MD; Arpeet Shah, MD; William S. Gange; Stephanie Kliethermes, PhD; Marcus L. Quek, MD, FACS; Fred A. Luchette, MD, FACS; Robert C. Flanigan, MD, FACS; Paul C. Kuo, MD, MBA, FACS; Gopal N. Gupta, MD. *Loyola University Medical Center, Maywood, IL*

DISCUSSANT: Moderator(s)

Clinical Significance of Renin-Angiotensin System Inhibition on Non-Muscle Invasive Bladder CancerTracy M. Downs, MD, FACS; Michael L. Blute, Jr., MD; Timothy J. Rushmer; Fangfang Shi; Benjamin Fuller; E. Jason Abel, MD, FACS; David F. Jarrard, MD. *University of Wisconsin School of Medicine and Public Health, Madison*

DISCUSSANT: Moderator(s)

Blunt Pelvic and Lower Urinary Tract Trauma: A 15-Year, Single Institution ExperienceNiels Johnsen, MD; Jason B. Young, MD; Oscar D. Guillamondegui, MD, FACS; Roger R. Dmochowski, MD, FACS. *Vanderbilt University Medical Center, Nashville, TN*

DISCUSSANT: Moderator(s)

Transvaginal Sacralspinous Ligament Suspension Using Autologous Harvested FasciaMike Kozminski, MD, FACS. *Mercury Surgery Center, St. Joseph, MO*

DISCUSSANT: Moderator(s)

Private Practice, Academics, or Employed: Does Employment Status Impact Work, Income, and Job Satisfaction?Nicholas Pruthi; E. Sophie Spencer, MD; Joshua P. Langston, MD; Will E. Kirby, MD; Chris M. Gonzalez, MD, FACS; Patrick H. McKenna, MD, FACS, FAAP; Maxim J. McKibben, MD; Matthew E. Nielsen, MD, FACS; Angela B. Smith, MD; Raj S. Pruthi, MD, FACS. *University of North Carolina at Chapel Hill*

DISCUSSANT: Moderator(s)

Pediatric Hospitalizations for Upper Urinary Tract Calculi: Epidemiological and Treatment Trends in the U.S., 2001–2012Parth K. Modi, MD; Izak Faiena, MD; Viktor Dom-brovskiy, MD, PhD, MPH; Ephrem O. Olweny, MD. *Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ*

DISCUSSANT: Moderator(s)

Tuesday, October 6

SF13 | 8:00 - 9:30 am

Obstetrics and Gynecology*Location: W474B*

TRACK: OB-GYN

MODERATOR: Warner K. Huh, MD, FACS, *Birmingham, AL***Reciprocal Serum Levels of IGF-1 and IGFBP-3 in a Murine Surgical Model of Intrauterine Growth Restriction**Scott Deeney, MD; Kyle Powers; Blair Dodson, PhD; Ahmed Marwan, MD; Kenneth W. Liechty, MD, FACS; Timothy M. Crombleholme, MD, FACS. *University of Colorado Denver Anschutz Medical Campus, Colorado Children's Hospital, Aurora*

DISCUSSANT: Moderator(s)

Evaluation of the ACS NSQIP® Surgical Risk Calculator to Predict Complications in Gynecologic Oncology Patients Undergoing LaparotomyColleen L. Rivard, MD; Elizabeth A. Slagle, MD; Rebecca Nahum; Rachel Isaksson Vogel; Deanna Teoh, MD. *University of Minnesota, Minneapolis*

DISCUSSANT: Moderator(s)

Utilization of the University HealthSystem Consortium Database and a Departmental Quality Committee to Evaluate Adverse Outcomes in a Large Inpatient Gynecologic Oncology PracticeHaller Smith, MD; Jonathan D. Boone, MD; Eric D. Thomas, MD; Cynthia G. Brumfield, MD, MSHA; Warner K. Huh, MD, FACS; Ronald D. Alvarez, MD, FACS; Charles A. Leath III, MD, MSPH, FACS; John M. Straughn, Jr., MD. *University of Alabama at Birmingham*

DISCUSSANT: Moderator(s)

Outcomes of Splenectomy during Primary Cytoreductive Surgery in Ovarian Cancer

Dipti Banerjee; Carrie Langstraat, MD, FACS; Jo Marie Janco, MD; Amy L. Weaver; Michaela E. McGree; Maureen A. Lemens, RN; Karl C. Podratz, MD, FACS; Jamie N. Bakkum-Gamez, MD. *Mayo Clinic, Rochester, MN*

DISCUSSANT: Moderator(s)

SF14 | 8:00 - 9:30 am Surgical Education III

Location: W471B

TRACK: EDU

MODERATOR: Sean J. Langenfeld, MD, FACS, *Omaha, NE*

MODERATOR: Jeffrey D. Wayne, MD, FACS, *Chicago, IL*

Development of a Fresh Cadaver Model for Instruction of Ultrasound-Guided Breast Biopsy during the Surgery Clerkship: Pre- and Posttest Results among Third Year Medical Students

Hilary C. McCrary, MPH; Jonida Krate; Christine Savilio; Hang Ho; Rebecca K. Viscusi, MD; Michele L. Ley, MD, FACS; William Adamas-Rappaport, MD. *University of Arizona College of Medicine, Tucson*

DISCUSSANT: Carla M. Pugh, MD, PhD, FACS, *Madison, WI*

Focused Cadaveric Dissection in Surgical Resident Education

Charles M. Maliska, MD; John W. Carter, PhD; John Blebea, MD, MBA, FACS; Jeanne E. Gillert, PhD; Carmen Ruiz, MD, FACS. *University of Oklahoma College of Medicine, Tulsa*

DISCUSSANT: Jonathan M. Dort, MD, FACS, *Falls Church, VA*

Investigation of the Practical Influence of the Performance Metrics from da Vinci Skills Simulator on the Skill Learning and Associated Cognitive Workloads

Gyusung I. Lee, PhD; Mija R. Lee, PhD; Michael R. Marohn, DO, FACS. *Johns Hopkins University School of Medicine, Baltimore, MD*

DISCUSSANT: Melissa E. Hogg, MD, *Pittsburgh, PA*

Procedure-to-Procedure Transfer in Laparoscopic Simulator Training: Results from a Randomized Trial

Flemming Bjerrum, MD; Jette L. Sorensen, MD; Lars Konge, MD, PhD; Susanne Rosthøj, PhD; Jane Lind-schou; Bent Ottesen; Jeanett J.S. Strandbygaard, MD, PhD. *The Juliane Marie Centre, Rigshospitalet, Copenhagen, Denmark*

DISCUSSANT: Jitesh A. Patel, MD, *Marana, AZ*

Measuring Intangibles: Defining Predictors of Non-Technical Skills in Critical Care Air Transport Team Trainees

Peter L. Jernigan, MD; Matthew C. Wallace, MD; Christine Novak; Travis Gerlach, MD, FACS; Timothy A. Pritts, MD, PhD, FACS; Bradley R. Davis, MD, FACS. *University of Cincinnati, University of Cincinnati Institute of Military Medicine, OH*

DISCUSSANT: Nabil Issa, MBChB, FACS, *Chicago, IL*

The Golden Opportunity: Multidisciplinary Simulation Training Improves Trauma Team Efficiency

Andrea M. Long, MD; Nathan T. Mowery, MD, FACS; Michael C. Chang, MD, FACS; James E. Johnson,

PhD; Preston R. Miller III, MD, FACS; J. Wayne Mer-edith, MD, FACS; Jeffrey E. Carter, MD, FACS. *Wake Forest University School of Medicine, Winston-Salem, NC*

DISCUSSANT: Charity H. Evans, MD, *Omaha, NE*

SF15 | 8:00 - 11:15 am

Ethics

Location: W470A

TRACKS: ETH, GEN

MODERATOR: Peter Angelos, MD, PhD, FACS, *Chicago, IL*

CO-MODERATOR: Mark C. Weissler, MD, FACS, *Chapel Hill, NC*

Quantification and Categorization of Ethical Issues Discussed at Surgical Morbidity and Mortality Conferences

Anji Wall, MD; Margaret Tarpley; Elizabeth Heit-man, PhD. *Vanderbilt University, Nashville, TN*

DISCUSSANT: Moderator(s)

Using a Community-Based Participatory Approach to Develop a Question Prompt List for Older Adults Facing High-Risk Surgery

Nicole Steffens, MPH; Jennifer L. Tucholka; Michael J. Nabozny, MD; Andrea E. Schmick; Karen J. Brasel, MD, FACS; Margaret L. Schwarze, MD, FACS. *University of Wisconsin-Madison; Oregon Health and Science University, Portland*

DISCUSSANT: Moderator(s)

Disclosure of a Surgeon's Experience: Do Patients Care?

Rosana J. Trapani, MD; Gustavo C. Alarcia, MD; Pablo J. Miguel, MD; Leandro A. Cardozo, MD; Julieta J. Camelione, MD; Anibal J. Rondan, MD; Marcelo J. Fasano; Alberto R. Ferreres, MD, PhD, MPH, FACS(Hon). *University of Buenos Aires, Hospital Carlos Bocalandro, Argentina*

DISCUSSANT: Moderator(s)

Lack of Structured Mentoring Programs in Modern Academic Surgery

Melina R. Kibbe, MD, FACS, FAHA; Carlos A. Pellegrini, MD, FACS, FRCSI(Hon); Courtney M. Townsend, Jr., MD, FACS; Marco G. Patti, MD, FACS. *University of Chicago, Northwestern University, IL*

DISCUSSANT: Moderator(s)

Advances Directives: What Do Patients and Their Relatives Think About?

Rosana J. Trapani, MD; Gustavo C. Alarcia, MD; Pablo J. Miguel, MD; Leandro A. Cardozo, MD; Julieta J. Camelione, MD; Paula Curvale, MD; Alberto R. Ferreres, MD, PhD, MPH, FACS(Hon). *University of Buenos Aires, Hospital Carlos Bocalandro, Argentina*

DISCUSSANT: Moderator(s)

Where the Sun Shines: Industry Payments to Surgeons

Rizwan Ahmed, MD; Sunjae Sunjae Bae, MPH; Allan B. Massie, PhD, MHS; Eric K.H. Chow; Babak J. Orandi, MD, PhD; Joseph Lopez, MD, MBA; Bonnie E. Lonze, MD, PhD; Dorry L. Segev, MD, PhD, FACS. *Johns Hopkins Hospital, Baltimore, MD*

DISCUSSANT: Moderator(s)

E

Systematic Bias against Expedited Review Procedures across Institutional Review Boards in the Veterans Health Administration

Daniel E. Hall, MD, MHSc, FACS; Roslyn A. Stone, PhD; Ulrike Feske, PhD; Bruce Ling, MD; Gao Shasha, PhD; Susan Zickmund, PhD; Sijian Zhang, PhD; Robert Arnold, MD. *VA Pittsburgh Healthcare System, University of Pittsburgh, PA*
DISCUSSANT: Moderator(s)

Practical Wisdom Provides Ethical Justification for the Negotiation and Enforcement of Surgical Buy-In

Daniel E. Hall, MD, MHSc, FACS. *VA Pittsburgh Healthcare System, University of Pittsburgh, PA*
DISCUSSANT: Moderator(s)

Limitations on ECMO in Congenital Diaphragmatic Hernia: An Ethical Analysis

Aviva L. Katz, MD, FACS; Burhan Mahmood, MD. *Children's Hospital of Pittsburgh/University of Pittsburgh Medical Center, Magee-Womens Hospital of University of Pittsburgh Medical Center, University of Pittsburgh School of Medicine, PA*
DISCUSSANT: Moderator(s)

SF16 | 8:00 - 11:15 am

Pediatric Surgery II

Location: W470B

TRACK: PED

MODERATOR: Katherine A. Barsness, MD, FACS, *Chicago, IL*
CO-MODERATOR: Karl G. Sylvester, MD, FACS, *Palo Alto, CA*

Age-Matched Liver Transplantation in Children Decreases Graft Failure and Mortality

Jamie Harris, MD; Vidyaratna A. Fleetwood, MD; Martin Hertl, MD, FACS; Bill Chiu, MD, FACS; Edie Y. Chan, MD, FACS. *Rush University Medical Center, Chicago, IL*
DISCUSSANT: Moderator(s)

Post-Splenectomy Sepsis in Children: A 48-Year Population-Based Study

Mohammad A. Khasawneh, MB, BS; Nicolas Contreras; Benjamin Zendejas, MD; Donald H. Jenkins, MD, FACS; William S. Harmsen; Martin D. Zielinski, MD, FACS. *Mayo Clinic, Rochester, MN*
DISCUSSANT: Moderator(s)

Cryptorchidism: Are Recommendations for Timing of Repair Being Followed and Do Socioeconomic Factors Play a Role?

Kate B. Savoie, MD; Marielena Bachier-Rodriguez, MD; Elleson A. Schurtz, MD; Dana W. Giel, MD; Alexander Feliz, MD. *University of Tennessee Health Science Center, Le Bonheur Children's Hospital, Memphis*
DISCUSSANT: Moderator(s)

Should All Severely Injured Children Be Treated at Pediatric Level I Trauma Centers?—An NTDB Study

Shin Miyata, MD. *Children's Hospital Los Angeles, CA*
DISCUSSANT: Moderator(s)

Take 'Em Where They Belong: Outcome Differences in Pediatric Traumatic Brain Injury among Trauma Centers

Mazhar Khalil, MD; Peter M. Rhee, MD, FACS; Ansab A. Haider, MD; Narong Kulvatunyong, MD, FACS; Bardiya Zangbar, MD; Terence O'Keefe, MB, ChB, FACS; Andrew L. Tang, MD, FACS; Rifat Latifi, MD, FACS; Lynn M. Gries, MD; Bellal Joseph, MD, FACS. *University of Arizona, Tucson*
DISCUSSANT: Moderator(s)

Trend Analysis of Abdominal NIRS Can Predict the Onset of Necrotizing Enterocolitis in Piglets within the First Days of Life

Stephanie M. Cruz, MD; Adesola C. Akinkuotu, MD; Doug Burrin, PhD; Barbara Stoll, PhD; Ling Yu, PhD; Oluyinka O. Olutoye, MD, PhD, FACS. *Baylor College of Medicine, Texas Children's Hospital, Houston*
DISCUSSANT: Moderator(s)

Supplemental Parenteral Nutrition and Oxygen Supplementation Decrease the Incidence and Severity of NEC in the Premature Piglet Model

Adesola C. Akinkuotu, MD; Stephanie M. Cruz, MD; Fariha Sheikh, MD; Irving J. Zamora, MD; Barbara Stoll, PhD; Ling Yu, PhD; Douglas Burrin, PhD; Oluyinka O. Olutoye, MD, PhD, FACS. *Baylor College of Medicine, Texas Children's Hospital, Houston*
DISCUSSANT: Moderator(s)

Fibroblast Growth Factor Signaling Inhibition Decreases Intestinal Adaptation in a Zebrafish Short Bowel Syndrome Model

Kathleen A. Holoyda, MD; Kathy Schall, MD; Kathryn L. Fowler; Ching-Ling Lien, PhD; Tracy C. Grikscheit, MD, FACS. *Children's Hospital Los Angeles, CA*
DISCUSSANT: Moderator(s)

Echocardiography Allows for Direct Analysis of Pulmonary Arterial Flow and Right Ventricular Function in Slit3 Knockout Mice with Congenital Diaphragmatic Hernia

Mansi Shah, MD; Michael R. Phillips, MD; Megan T. Quintana, MD; Gary P. Stupp. *University of North Carolina at Chapel Hill*
DISCUSSANT: Moderator(s)

T Cells Are Dispensable in the Rejection of Prenatally Transplanted Allogeneic Hematopoietic Cells

Amanda Lee, MD; Beverly Strong, PhD; Lucas Turner; Tess Newkold; Aimen F. Shaaban, MD, FACS. *Cincinnati Children's Hospital Medical Center, OH*
DISCUSSANT: Moderator(s)

Relationship between Perioperative Blood Transfusion and Surgical Site Infections in the Newborn Population

Jason Fawley, MD; Yvonne E. Anderson, RN; Tom H. Chelius; Laura D. Cassidy, PhD; Keith T. Oldham, MD, FACS; Marjorie J. Arca, MD, FACS. *Children's Hospital of Wisconsin, Milwaukee*
DISCUSSANT: Moderator(s)

Matrix Metalloproteinase-8 (MMP-8) as a Biomarker of Complicated Appendicitis

Meghan C. Nolan, MD; Daniel von Allmen, MD, FACS; Hector R. Wong, MD. *Cincinnati Children's Hospital Medical Center, OH*
DISCUSSANT: Moderator(s)

SF17 | 8:00 - 11:15 am

Quality, Safety, and Outcomes II

Location: W187A

TRACK: HP

MODERATOR: Melinda A. Maggard-Gibbons, MD, FACS, Los Angeles, CA

Excellence in Research Award recipient presenting:
Andrew P. Loehrer, MD, Boston, MA**Surgical Deserts in California: An Analysis of Access to Surgical Care**

Tarsicio Uribe-Leitz, MD, MPH; Micaela M. Esquivel, MD; Kristan L. Staudenmayer, MD, FACS; David A. Spain, MD, FACS; Thomas G. Weiser, MD, Stanford University School of Medicine, CA

DISCUSSANT: Moderator(s)

Massachusetts Health Care Reform and Trends in Emergent Colorectal Surgery

Brad Evans, MD; Lindsay A. Bliss, MD, MPH; Ellen P. McCarthy, PhD, MPH; Susanna W.L. de Geus; Sing Chau Ng; James R. Rodrigue, PhD; Jennifer F. Tseng, MD, MPH, FACS. Beth Israel Deaconess Medical Center, Boston, MA

DISCUSSANT: Moderator(s)

Safety-Net Burden Affects Cost and Outcomes at Academic Hospitals

Richard S. Hoehn, MD; Koffi Wima; Matthew A. Vestal, MHA; Drew J. Weilage, MHA; Daniel E. Abbott, MD, FACS; Vishad Y. Nabili, MD. University of Cincinnati, OH; Sg2 Health Care and Hospital System Consultancy, Chicago, IL; Centura Health, Denver, CO

DISCUSSANT: Moderator(s)

Disparities in Receipt of Epidural Analgesia Receipt during Labor: An Analysis of National Data

Anju Ranjit, MD, MPH; Cheryl K. Zogg, MSPH, MHS; Maya J. Torain; Brandyn D. Lau, MPH; Pamela Donohue; Jessica L. Bienstock, MD, MPH; Joel S. Weismann, PhD; Adil H. Haider, MD, MPH, FACS. Center for Surgery and Public Health, Boston, MA; Johns Hopkins School of Medicine, Baltimore, MD

DISCUSSANT: Moderator(s)

Health Care Reform and Equity in Bariatric Surgery: Does Increased Access to Care Mitigate Disparities?

Andrew P. Loehrer, MD; Zirui Song, MD, PhD; David C. Chang, PhD, MPH, MBA; Matthew M. Hutter, MD, MPH, FACS. Massachusetts General Hospital, Boston

DISCUSSANT: Moderator(s)

Trauma Center Verification and a More Inclusive System: Identifying Unnecessary Criteria for Level III/IV Centers

Jared Forrester, MD; Thomas G. Weiser, MD; Paul M. Maggio, MD, FACS; Lakshika Tennakoon, MPhil; David A. Spain, MD, FACS; Kristan L. Staudenmayer, MD, FACS. Stanford University School of Medicine, CA

DISCUSSANT: Moderator(s)

The Rural Trauma Team Development Course Decreases Transfer Times

Vicente J. Undurraga Perl, MD; Bruce Ham, MD; Amy Laird, PhD; Richard J. Mullins, MD, FACS; Brian S. Diggs, PhD; Martin A. Schreiber, MD, FACS. Oregon Health and Science University, Portland

DISCUSSANT: Moderator(s)

PT5

Acute Appendicitis: Variation in Treatment, Outcomes, and Cost by Socioeconomic Status

Thomas L. Sutton; Etienne E. Pracht, PhD; David J. Ciesla, MD, FACS. University of South Florida Morsani College of Medicine, Tampa

DISCUSSANT: Moderator(s)

Critical Care Billing Patterns of Acute Care Surgeons

Dustin J. Petersen, MD; Demetria R. Bayt, MPH; Ben L. Zarzaur, MD, FACS. Indiana University, Indianapolis

DISCUSSANT: Moderator(s)

The Influence of Different Training Paradigms on Surgical Outcomes

Salman Zaheer, MD; Jashodeep Datta, MD; Lindsay Kuo, MD; Kristina D. Simmons, PhD; Douglas L. Fraker, MD, FACS; Noel N. Williams, MD, FRCSI; Rachel R. Kelz, MD, FACS. University of Pennsylvania, Philadelphia

DISCUSSANT: Moderator(s)

SF18 | 8:00 - 11:15 am

Thoracic Surgery

Location: HMPCC Grant Park CD

TRACK: CTS

MODERATOR: Jon O. Wee, MD, FACS, Boston, MA

The Comparative Effectiveness of Neoadjuvant Therapy vs. Upfront Surgery in Patients with Early-Stage Esophageal Cancer

Zaid Abdelsattar, MD; Rishindra M. Reddy, MD, FACS; Basil S. Nasir, MB, BCH; Jules Lin, MD, FACS; K. R. Shen, MD, FACS; Samantha Hendren, MD, MPH, FACS; Sandra L. Wong, MD, FACS. University of Michigan, Ann Arbor; University of British Columbia, Vancouver; Mayo Clinic, Rochester, MN

DISCUSSANT: Moderator(s)

Influence of Race on Likelihood of Undergoing Recommended Surgery for Esophageal Cancer

Geena X. Wu, MD; Rebecca A. Nelson, PhD; Leslie Bernstein, PhD; Isaac B. Paz, MD, FACS; Dan J. Raz, MD; Jae Y. Kim, MD. City of Hope National Medical Center, Duarte, CA

DISCUSSANT: Moderator(s)

Cigarette Smoke Represses microRNA-143 during Esophageal Adenocarcinogenesis

Said C. Azoury, MD; Shakirat Oyetunji, MD; Sichuan Xi, MD, PhD; David Straughan, MD; Emily S. Reardon, MD; Mary Zhang; Julie Hong; Yin Xiong, PhD; R. Taylor Ripley, MD; David S. Schrupp, MD, MBA, FACS. Thoracic and GI Oncology Branch, National Cancer Institute, National Institutes of Health, Bethesda, MD

DISCUSSANT: Moderator(s)

Readmission after Pulmonary Resection: An Analysis of 8,930 ACS NSQIP® Patients

Austin Ward, MD; Daniel L. Davenport, PhD; Victor A. Ferraris, MD, PhD, FACS; Sibup. Saha, MD, MBA, FACS; Angela Mahan, MD; Jeremiah T. Martin, MB, BCh, FRCSI, FACS. University of Kentucky, Lexington

DISCUSSANT: Moderator(s)

Transcriptional Regulation of Post-Pneumonectomy Angiogenesis in Peripheral Lung Regeneration

Robert D. Bennett, MD; Alexandra B. Ysasi; Cristian D. Valenzuela, MD; Willi L. Wagner; Janeil Belle, MD; Andreas Pabst, MD; Akira Tsuda, PhD; Maximilian Ackermann, MD; Steven J. Mentzer, MD, FACS. *Brigham and Women's Hospital, Boston, MA; University Medical Center of Johannes Gutenberg-University, Mainz, Germany; Harvard University School of Public Health, Boston, MA*

DISCUSSANT: Moderator(s)

Is More Patience Required between Time from Neoadjuvant Therapy to Esophagectomy?

Christian P. Probst, MD; Christopher T. Aquina, MD; Bradley J. Hensley, MD, MBA; Adan Z. Becerra; Thomas J. Watson, MD, FACS; Carolyn E. Jones, MD, FACS; Katia Noyes, PhD, MPH; John R. Monson, MB, BCh, FACS; Fergal Fleming, MD; Christian G. Peyre, MD. *University of Rochester Medical Center, NY*

DISCUSSANT: Moderator(s)

Preoperative Antidepressant Use: Prolonged Intubation and Reintubation after Cardiac Surgery

Kortney Robinson; John McCallum, MD; Allen D. Hamdan, MD, FACS; Frank W. LoGerfo, MD, FACS. *Beth Israel Deaconess Medical Center, Boston, MA*

DISCUSSANT: Moderator(s)

Is Neoadjuvant Chemoradiotherapy Safe for Elderly Patients with Esophageal Cancer?

Geena X. Wu, MD; Philip H.G. Ituarte, PhD; Joseph Chao, MD; Yi-Jen Chen, MD, PhD; Dan J. Raz, MD; Vijay Trisal, MB, BS, FACS; Jae Y. Kim, MD. *City of Hope National Medical Center, Duarte, CA*

DISCUSSANT: Moderator(s)

Feeding Jejunostomy Tubes Placed during Esophagectomy: Is There an Effect on Postoperative Outcomes?

Mohammed Al-Temimi, MD; Samir Johna, MD, MACM, FACS. *Kaiser Permanente, Fontana, CA*

DISCUSSANT: Moderator(s)

Prospective Evaluation of Coagulation Parameters after Resection of Thoracic Malignancies

Robert M. Van Haren, MD, MSPH; Evan J. Valle, MD; Casey J. Allen, MD; Gerardo A. Guarch, MD; Alan S. Livingstone, MD, FACS; Dao M. Nguyen, MD, FACS; Kenneth G. Proctor, PhD. *University of Miami Miller School of Medicine, FL*

DISCUSSANT: Moderator(s)

Double Lung Transplantation Can Be Safely Performed Using Diabetic Donors

Vishnu Ambur, MD; Sharven Taghavi, MD, MPH; Senthil Jayarajan, MD; Sagar Kadakia, MD; Huaqing Zhao, PhD; Akira Shiose, MD; Grayson H. Wheatley III, MD, FACS; T. Sloane Guy, MD, FACS; Yoshiya Toyoda, MD, PhD. *Temple University Hospital, Philadelphia, PA*

DISCUSSANT: Moderator(s)

Post-Pneumonectomy Septal Retraction and Remodeling Are Structural Determinants of Lung Regeneration

Cristian D. Valenzuela, MD; Willi L. Wagner; Alexandra B. Ysasi; Robert D. Bennett, MD; Andreas

Pabst, MD; Akira Tsuda, PhD; Maximilian Ackermann, MD; Steven J. Mentzer, MD, FACS. *Brigham and Women's Hospital, Boston, MA; University Medical Center of Johannes Gutenberg University, Mainz, Germany; Harvard School of Public Health, Boston, MA*

DISCUSSANT: Moderator(s)

MicroRNA miR-372 Enhances the Malignant Potential of Lung Cancer Cells

Reema Mallick, MD; Sangeeta Joshi; Eric D. Kanisto; Santosh K. Patnaik, MD, PhD; Sai Yendamuri, MD, FACS. *Roswell Park Cancer Institute, Buffalo, NY; University of Minnesota, Minneapolis*

DISCUSSANT: Moderator(s)

SF19 | 8:00 - 11:15 am

Transplantation and Tissue Engineering I

Location: W471A

TRACK: BTR

MODERATOR: Tracy C. Grikscheit, MD, FACS, Los Angeles, CA

Donor Derived Skeletal Muscle Precursor Cells Improve Muscle Functions in a Murine Model of X-Linked Myotubular Myopathy

Hyun Ju Lim; Sunyoung Joo, MD; John D. Jackson, PhD; Delrae Eckman; Christopher R. Pierson, MD, PhD; Martin Childers, DO, PhD; James Yoo, MD, PhD; Anthony Atala, MD, FACS. *Wake Forest School of Medicine, Winston-Salem, NC; The Research Institute at Nationwide Children's Hospital, Columbus, OH; University of Washington, Seattle*

DISCUSSANT: Moderator(s)

Skeletal Muscle Regeneration by Fibromodulin Reprogrammed Cells

Zhong Zheng, PhD; Chenshuang Li; Grace X. Chang, MD; Maxwell C. Murphy; Kambiz Khalilinejad, DDS; Pu Yang; Omar Velasco, MD; Xinli Zhang, MD, PhD; Kang Ting, DMEDSC; Chia Soo, MD, FACS. *University of California, Los Angeles*

DISCUSSANT: Moderator(s)

Hyperbaric Sub-Normothermic Perfusion Mitigates Reperfusion Injury in Porcine Vascularized Composite Transplantation

Lin C. Wang, MD; Sharon D. Lawson, MD; Carole Villamaria, MD; Charles A. Fries; Michael R. Davis, MD, FACS. *U.S. Army Institute of Surgical Research, San Antonio, TX*

DISCUSSANT: Moderator(s)

Autologous Tissue-Engineered Small Intestine Forms in a New Porcine Preclinical Model

Minna M. Wieck, MD; Xiaogang Hou, PhD; Tracy C. Grikscheit, MD, FACS. *Children's Hospital Los Angeles, CA*

DISCUSSANT: Moderator(s)

Generation of Functional Insulin Producing Cells from Pluripotent Stem Cell Derived Human Intestinal Tissue

Priya H. Dedhia, MD, PhD; Stacy R. Finkbeiner, PhD; Christopher H. Althaim; Yi-Ju Chen, PhD; Ben Z. Stanger, MD, PhD; Janet B. Wolforth; Daniel H. Teitelbaum, MD, FACS; Jason R. Spence, PhD.

University of Michigan, Ann Arbor; University of Pennsylvania, Philadelphia

DISCUSSANT: Moderator(s)

Repopulation of Primary Renal Cells for Whole Organ Engineering: Functional Evaluations

Mehran Abolbashari, MD; Mi Kyung Lee, MD; Sigrid Agcaoili, MD; Tamer Aboushwareb, MD, PhD; John D. Jackson, PhD; In Kap Ko, PhD; James Yoo, MD, PhD; Anthony Atala, MD, FACS. *Wake Forest School of Medicine, Winston-Salem, NC*

DISCUSSANT: Moderator(s)

Efficacy of Multi-Layered Hepatocyte Sheet

Transplantation for Radiation-Induced Liver Damage and Partial Hepatectomy in Rat Model

Zhassulan Baimakhanov, MD; Kosho Yamanouchi, MD, PhD; Yusuke Sakai, PhD; Akihiko Soyama, MD, FACS; Masaaki Hidaka, MD, PhD; Mitsuhisa Takatsuki, MD, PhD, FACS; Fumihiko Fujita, MD, PhD, FACS; Kengo Kanetaka, MD, FACS; Tamotsu Kuroki, MD, PhD, FACS. *Nagasaki University, Japan*

DISCUSSANT: Moderator(s)

Autologous Vascularized Tissue Engineered Liver Replacement

Peter Than, MD; Christopher R. Davis, MB, ChB; Michael W. Findlay, MB, BS, PhD, FACS, FRACS; Wei Liu, MD, PhD; Sacha M.L. Khong, PhD; Geoffrey C. Gurtner, MD, FACS. *Stanford University, CA*

DISCUSSANT: Moderator(s)

Mincle Signaling Exacerbates Autoimmune Hepatitis

Stephanie Greco, MD; Alejandro Torres-Hernandez, MD; S. Rae Rokosh; Micheael Deutsch; Lena Tomkoetter, MD; Donnele Daley; Mridul Pansari, MB, BS; Atif Salyana; Daniel Tipples; George Miller, MD, FACS. *New York University School of Medicine, NY*

DISCUSSANT: Moderator(s)

Bariatric Surgery Drives Alloimmune Responses toward Protective Th2 Conditions

Markus Quante; Abdallah ElKhal; Hector Rodriguez; Felix Krenzien; Hirofumi Uehara; Stefan G. Tullius, MD, PhD, FACS. *Brigham and Women's Hospital/Harvard Medical School, Boston, MA*

DISCUSSANT: Moderator(s)

Treg Prolong Graft Survival via T-bet-regulated Lymphatic Migration and Effector Cell Suppression

Sarwat Ahmad; Yanbao Xiong, PhD; Charles C. Brinkman, PhD; Jonathan S. Bromberg, MD, PhD, FACS. *University of Maryland School of Medicine, Baltimore*

DISCUSSANT: Moderator(s)

The Role of MHC Class II in Interferon Gamma Activated Mesenchymal Stem Cell-Macrophage Crosstalk

Katherine G. Khatibi; Erzsebet Szilagyi, MD, PhD; Rachana Patil; Kevin Choi; Amelia M. Bartholomew, MD, FACS. *University of Illinois at Chicago College of Medicine*

DISCUSSANT: Moderator(s)

SF20 | 8:00 - 11:15 am

Trauma I

Location: W194

TRACKS: TRA, GEN

MODERATOR: Marc G. Jeschke, MD, FACS, *Toronto, ON*

CO-MODERATOR: David Heffernan, MD, *Providence, RI*

Excellence in Research Award recipient presenting:

Evren Dilektasli, MD, *Los Angeles, CA*

The Impact of Neutrophil to Lymphocyte Ratio on Mortality in Critically Ill Trauma Patients

Evren Dilektasli, MD; Kenji Inaba, MD, FACS; Tobias Haltmeier, MD; Monica D. Wong; Damon Clark, MD; Lydia Lam, MD, FACS; Elizabeth R. Benjamin, MD, PhD, FACS; Demetrios Demetriades, MD, PhD, FACS. *Los Angeles County/University of Southern California Medical Center*

DISCUSSANT: Moderator(s)

A Prospective Analysis of Transthyretin Levels at Admission and Changes over Time in Critically Ill Trauma Patients

Tobias Haltmeier, MD; Kenji Inaba, MD, FACS; Joseph Durso; Stefano Siboni, MD; Vincent Cheng; Beat Schnüriger, MD; Elizabeth R. Benjamin, MD, PhD, FACS; Demetrios Demetriades, MD, PhD, FACS. *Los Angeles County/University of Southern California Medical Center*

DISCUSSANT: Moderator(s)

Damage Control Cultures in Elderly Patients with Traumatic Brain Injury

Galinos Barmparas, MD; Andrea Zaw, MD; Beatrice J. Sun; Tong Li; Danielle Tran; Kurtis G. Birch, MD; Priyanka Tripuraneni; Ara Ko, MD, MPH; Rex Chung, MD; Eric J. Ley, MD, FACS. *Cedars-Sinai Medical Center, Los Angeles, CA*

DISCUSSANT: Moderator(s)

Unveiling Deterioration in Traumatic Brain Injury: The Role of Delta Shock Index

Ansab A. Haider, MD; Peter M. Rhee, MD, FACS; Bardiya Zangbar, MD; Narong Kulvatunyou, MD, FACS; Tahereh O. Jokar, MD; Terence O'Keefe, MB, ChB, FACS; Andrew L. Tang, MD, FACS; Rifat Latifi, MD, FACS; Lynn M. Gries, MD; Bellal Joseph, MD, FACS. *University of Arizona, Tucson*

DISCUSSANT: Moderator(s)

Leukocytosis following Splenic Injury: A Comparison of Splenectomy, Embolization, and Observation

Brian Wernick, MD; Ulunna MacBean, MD; Ronnie N. Mubang, MD; Thomas R. Wojda, MD; Suzanne C. Liu; David C. Evans, MD; Brian A. Hoey, MD, FACS; William S. Hoff, MD, FACS; Peter Thomas, DO; Stanislaw P. Stawicki, MD. *St. Luke's University Health Network, Bethlehem, PA; The Ohio State University College of Medicine, Columbus*

DISCUSSANT: Moderator(s)

Previous Cryopreservation Alters the Red Blood Cell Storage Lesion and Glutathione Equilibrium

Alex L. Chang, MD; Richard S. Hoehn, MD; Michael Edwards, MD; Peter L. Jernigan, MD; Timothy A. Pritts, MD, PhD, FACS. *University of Cincinnati, OH*

DISCUSSANT: Moderator(s)

Extracellular Microvesicles as Potential Mediators of the Gut-Derived Systemic Inflammatory Response

Simone M. Langness, MD; Raul Coimbra, MD, PhD, FACS; Koji Morishita, MD, PhD; Brian Eliceiri, PhD; Andrew Baird, PhD; Todd W. Costantini, MD, FACS. *University of California, San Diego*

DISCUSSANT: Moderator(s)

Fresh Frozen Plasma Modulates Brain Gene Expression in a Swine Model of Traumatic Brain Injury and Shock—A Network Analysis

Martin Sillesen, MD; Ted Bambakidis; Simone E. Dekker; Ihab Halaweish, MD; Yongqing Li, MD, PhD; Hasan B. Alam, MD, FACS. *University of Michigan, Ann Arbor; Copenhagen University Hospital, Rigshospitalet, Denmark*

DISCUSSANT: Moderator(s)

Hemorrhagic Shock Provokes Local Metabolic Pathology in the Lung

Annie L. Slaughter, MD; Erik D. Peltz, DO; Angelo D'Alessandro, PhD; Anirban Banerjee, PhD; Ernest E. Moore, MD, FACS; Christopher C. Silliman, MD, PhD; Marguerite Kelher; Miguel Fragoso; Sanchayita Mitra. *University of Colorado, School of Medicine, Aurora; Denver Health Medical Center, Bonfils Blood Center, CO*

DISCUSSANT: Moderator(s)

The Unrecognized Role of Platelet Dysfunction in Trauma-Induced Hyperfibrinolysis

Hunter B. Moore, MD; Ernest E. Moore, MD, FACS; Eduardo Gonzalez, MD; Michael P. Chapman, MD; Alexander P. Morton, MD; Annie L. Slaughter, MD; Anirban Banerjee, PhD; Christopher C. Silliman, MD, PhD. *University of Colorado, Denver*

DISCUSSANT: Moderator(s)

Daily AMD3100 Administration Reverses Anemia and Bone Marrow Dysfunction following Trauma, Hemorrhagic Shock, and Chronic Stress

Ines Alamo, MD; Kolenkode B. Kannan, PhD; McHarry Ramos; Philip A. Efron, MD, FACS; Alicia M. Mohr, MD, FACS. *University of Florida, Gainesville*

DISCUSSANT: Moderator(s)

CXCL12 (SDF-1)-CXCR4 Plays a Key Role in B-cell Trafficking after Hemorrhagic Shock and Trauma in Mice

Mostafa H. Ramadan, MB, ChB; Rosemary A. Hoffman, PhD; Timothy R. Billiar, MD, FACS. *University of Pittsburgh, PA*

DISCUSSANT: Moderator(s)

SF21 | 8:00 - 11:15 am

Vascular Surgery I

Location: HMPCC Grant Park AB

TRACK: VAS

MODERATOR: Luke P. Brewster, MD, PhD, FACS, *Atlanta, GA*
CO-MODERATOR: John A. Curci, MD, FACS, *Nashville, TN*

Excellence in Research Award recipient presenting:
Kenneth W. Howell, MD, *Aurora, CO*

Purinergic Signaling Promotes Macrophage Differentiation to Foam Cells

Kenneth W. Howell, MD; Joseph C. Cleveland, Jr.,

MD, FACS. *University of Colorado Anschutz Medical Campus, Aurora*

DISCUSSANT: Moderator(s)

The Role of Model of End-Stage Liver Disease (MELD) Score in Predicting Outcomes of Carotid Endarterectomy in Patients with Liver Disease

Brianna M. Krafcik; Denis Rybin; Gheorghe Doros, PhD; Mohammed H. Eslami, MD, FACS; Alik Farber, MD, FACS; Jeffrey A. Kalish, MD, FACS; Elizabeth G. King, MD; Jeffrey Siracuse, MD. *Boston University School of Medicine, MA*

DISCUSSANT: Moderator(s)

Therapeutic Potential and Pitfalls of Gene Silencing in the Arterial Wall

Thomas C.F. Bodewes, MD; Joel M. Johnson; Mauricio A. Contreras, MD; Leena Pradhan-Nabzdyk, PhD; Frank W. LoGerfo, MD, FACS. *Beth Israel Deaconess Medical Center/Harvard Medical School, Boston, MA*

DISCUSSANT: Moderator(s)

Rehabilitation Outcomes after Lower-Extremity Amputations in Canada

Ahmed Kayssi, MD, MPH, FRCSC; Derry L. Dance, MD, MPH, JD, FRCPC; Charles De Mestral, MD; Thomas L. Forbes, MD, FACS, FRCSC; Graham Roche-Nagle, MD, MBA, FRCSI. *University of Toronto, ON*

DISCUSSANT: Moderator(s)

Stimulation of EphB4 Alters Arteriovenous Fistula Maturation

Trenton Foster, MD; Takuya Hashimoto, MD, PhD; Hualong Bai, MD; Go Kuwahara, MD; Mo Wang, MD; Kirstyn Brownson, MD; Kota Yamamoto, MD, PhD; Alan Dardik, MD, PhD, FACS. *Yale University School of Medicine, New Haven, CT*

DISCUSSANT: Moderator(s)

Identification of Preoperative Risk Factors for Prolonged Length of Stay after Elective Endovascular Repair

Elizabeth G. King, MD; Denis Rybin; Gheorghe Doros, PhD; Alik Farber, MD, FACS; Jeffrey A. Kalish, MD, FACS; Jeffrey Siracuse, MD. *Boston Medical Center/Boston University School of Medicine, MA*

DISCUSSANT: Moderator(s)

Degradation of IκBα Exposed to Steady Laminar Flow via an Alternative Ubiquitin-Proteasome Independent Pathway

Jiro Kurita, MD; Gautham Chitragari, MB, BS; Bauer E. Sumpio, MD, FACS. *Yale University School of Medicine, New Haven, CT*

DISCUSSANT: Moderator(s)

Influence of Body Mass Index (BMI) on Postoperative Outcomes in Vascular Surgery

Anand Dayama, MB, BS; Pratik M. Pimple, MB, BS, MPH; Sumit Kumar, MD; Aksim G. Rivera, MD. *Jacobi Medical Center, Albert Einstein College of Medicine, Bronx, NY; San Joaquin General Hospital, French Camp, CA*

DISCUSSANT: Moderator(s)

Combined Coil Embolization and Foam Sclerotherapy for the Management of Varicose Veins: Description of a Novel Technique

Ahmed Kayssi, MD, MPH, FRCSC; George D. Oreopoulos, MD, FRCSC; Kongteng Tan, MD, FRCPC; Jeffrey D. Jaskolka, MD, FRCPC. *University of Toronto, ON*

DISCUSSANT: Moderator(s)

Synthetically Engineered Targeted Gold Nanoparticles for the Prevention of Restenosis following Vascular Interventions

Molly A. Wasserman, MD; Qun Jiang, MD; Jonathan Rink, PhD; Melina R. Kibbe, MD, FACS, FAHA; Colby S. Thaxton, MD, PhD. *Northwestern University, Simpson Querrey Institute for BioNanotechnology in Medicine, Chicago, IL*

DISCUSSANT: Moderator(s)

Impact of Race and Education on Patients' Preferred Decision-Making Roles for Vascular Procedures and Perceptions of Treatment Success

Matthew A. Corriere, MD, FACS; Jennifer A. Avise, MD; Jeanette M. Stafford; Laura A. Peterson, MD; Douglas Easterling, PhD; Edward H. Ip, PhD; Derrick S. Boone, PhD; Adam S. Hyde, PhD; Raul J. Guzman, MD, FACS; Gregory L. Burke, MD. *Wake Forest University Schools of Medicine and Business, Winston-Salem, NC; Beth Israel Deaconess Medical Center, Boston, MA*

DISCUSSANT: Moderator(s)

SF22 | 9:45 - 11:15 am

Bariatric/Foregut II

Location: W474B

TRACK: BTR

MODERATOR: Jon C. Gould, MD, FACS, *Milwaukee, WI*

CO-MODERATOR: Anne O. Lidor, MD, FACS, *Baltimore, MD*

Timing of Esophagectomy after Neoadjuvant Treatment in Squamous Cell Carcinoma

Trent Howard, DO; Harold Hsu, MD; Charles D. Goldman, MD, FACS; Jan Franko, MD, PhD, FACS. *Mercy Medical Center, Des Moines, IA*

DISCUSSANT: Thomas J. Watson, MD, FACS, *Victor, NY*

Outcomes of Bariatric Surgery in Morbidly Obese Patients Infected with the Human Immunodeficiency Virus

Raul J. Rosenthal, MD, FACS; Abraham Abdemur, MD; Abraham Betancourt, MD; Nisha Dhanabalsamy, MB, BS; Armando Velderrain, MD; Emanuele Lo Menzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS. *Cleveland Clinic Florida, Weston*

DISCUSSANT: Luke M. Funk, MD, *Madison, WI*

Suture Cruroplasty vs. Prosthetic Hiatal Herniorrhaphy for Large Hiatal Hernia: A Meta-Analysis and Systematic Review of Randomized Controlled Trials

Muhammed A. Memon, MB, BS, DCH, FRACS, FRCSI, FRCSEd, FRCSEng; Breda Memon, RN; Rossita M. Yunus, PhD; Shahjahan Khan, PhD. *South East Queensland Surgery and Sunnybank Obesity Centre, Sunnybank, Australia*

DISCUSSANT: Andrew S. Wright, MD, FACS, *Seattle, WA*

A Decade Analysis of Trends and Outcomes of Bariatric Surgery in Male Compared with Female Patients

Monica T. Young, MD; Michael J. Phelan, PhD; Ninh T. Nguyen, MD, FACS. *University of California Irvine Medical Center, Orange; University of California Irvine*

DISCUSSANT: Dana A. Telem, MD, FACS, *Stonybrook, NY*

Readmissions and Sleeve Leaks after Sleeve Gastrectomy for Weight Loss: An ACS NSQIP® Study

Anasooya A. Abraham, MD; Cyrus Jahansouz, MD; Sayeed Ikramuddin, MD, FACS; Daniel B. Leslie, MD, FACS. *University of Minnesota, Minneapolis*

DISCUSSANT: Stacy A. Brethauer, MD, FACS, *Cleveland, OH*

Robotic Assisted vs. Laparoscopic Heller Myotomy: A Single Institution Experience

Iván Emilio Rodríguez Hernández; Harit Kapoor; Shunsuke Akimoto, MD; Kalyana C. Nandipati, MB, BS, FACS; Pradeep K. Pallati, MD, FACS; Sumeet K. Mittal, MB, BS, FACS. *Creighton University Medical Center, Omaha, NE*

DISCUSSANT: W. Scott Melvin, MD, FACS, *Bronx, NY*

Effect of 75 Percent Intestinal Resection on Body Composition in Lean vs. Obese Rats

Ujwal R. Yanala, MB, BS; Roger Reidelberger, PhD; Jon S. Thompson, MD, FACS; Mark A. Carlson, MD, FACS. *University of Nebraska Medical Center, Veteran Affairs Omaha - Western Iowa Health Care System, Creighton University School of Medicine, Omaha, NE*

DISCUSSANT: Tammy Kindel, MD, *Omaha, NE*

SF23 | 9:45 - 11:15 am

Colorectal and Rectal Surgery II

Location: W179

TRACKS: CRS, ONC

MODERATOR: Jon D. Vogel, MD, FACS, FASCRS, *Aurora, CO*

CO-MODERATOR: Sandy H. Fang, MD, FACS, *Baltimore, MD*

The Disproportionate Effect of Perioperative Complications on Mortality within One Year after Colorectal Cancer Resection in Octogenarians

Leonardo C. Duraes, MD, PhD; Luca Stocchi, MD, FACS; David W. Dietz, MD, FACS; Matthew F. Kalady, MD, FACS; Hermann P. Kessler, MD, PhD, FACS; Feza H. Remzi, MD, FACS, FASCRS. *Cleveland Clinic Foundation, OH*

DISCUSSANT: Neil H. Hyman, MD, FACS, *Chicago, IL*

Pathological Response to Neoadjuvant Chemoradiation in Rectal Cancer Delineates Prognosis for Stage III Patients

Georgios Karagkounis, MD; Leo Thai, MD; Adam G. Mace, MD; Homer Wiland, MD; Rish K. Pai, MD, PhD; James M. Church, MD, FACS; Matthew F. Kalady, MD, FACS. *Cleveland Clinic Foundation, OH*

DISCUSSANT: Chitra N. Sambasivan, MD, *Portland, OR*

Complete Clinical Response after Neoadjuvant CRT Managed Nonoperatively Results in Better Anorectal Function When Compared with Other Sphincter-Saving Alternatives for Distal Rectal Cancer

Guilherme Sao Juliao; Patricio B. Lynn, MD; Angelita Habr-Gama, MD, FACS(Hon); Rodrigo O. Perez, MD, PhD; Igor Proscurshim, MD; Rafael Ulysses

Azevedo; Felipe Alexandre Fernandes; Jose Marcio J. Neves, MD; Joaquim Gama-Rodrigues, MD, PhD, FACS(Hon). *Angelita & Joaquim Gama Institute, Sao Paulo, Brazil*

DISCUSSANT: Matthew F. Kalady, MD, FASCRS, FACS, *Cleveland, OH*

Increased 30-Day Mortality in Patients with Diabetes Mellitus Undergoing Surgery for Colorectal Cancer

Tina Fransgaard, MD; Sara Kehlet Watt, MD; Lau C. Thygesen, PhD; Prof. Ismail Gögenur. *Køge Hospital, Denmark; National Institute of Public Health, Copenhagen, Denmark*

DISCUSSANT: John C. Bryn, MD, FACS, *Ann Arbor, MI*

Variability of Rectal Cancer Surgical Quality in the U.S.

Sarah J. Atkinson, MD; Nicholas H. Osborne, MD; Bradley R. Davis, MD, FACS; Daniel E. Abbott, MD, FACS; Shimul A. Shah, MD, MHCM, FACS; Ian M. Paquette, MD, FACS. *University of Cincinnati, OH; University of Michigan, Ann Arbor*

DISCUSSANT: Chady Ibrahim Atallah, MD, *Baltimore, MD*

Transanal Total Mesorectal Excision (TaTME) by Transanal Endoscopic Microsurgery (TEM) as an Alternative to Abdomino-Perineal Resection (APR) for Rectal Cancer

Emanuele Lezoche, MD, FACS(Hon), FASCRS; Andrea Balla, MD; Silvia Quaresima, MD; Giancarlo D'Ambrosio, MD; Mario Guerrieri, MD; Giovanni Lezoche, MD; Alessandro M. Paganini, MD, PhD, FACS. *Sapienza University, Rome, Italy; Università Politecnica delle Marche, Ancona, Italy*

DISCUSSANT: Michael F. McGee, MD, FACS, *Chicago, IL*

SF24 | 9:45 - 11:15 am Orthopaedic Surgery

Location: W193

TRACK: ORT

MODERATOR: Danielle A. Katz, MD, FACS, *East Syracuse, NY*

Pharmacokinetics and Osteogenic Potential of PEGylated NELL-1 In-Vivo after Systemic Administration

Soonchul Lee, MD; Jin Hee Kwak, DDS; Yulong Zhang, PhD; Juyoung Park, DDS; Jia Shen, PhD; Chirag Chawan; Xinli Zhang, MD, PhD; Benjamin Wu; Kang Ting, DMEDSC; Chia Soo, MD, FACS. *University of California, Los Angeles; CHA University, Seongnam, South Korea*

DISCUSSANT: Moderator(s)

Combat Periarticular Tibia Injury Outcome Study (CAPTIIOUS): Risk Factors for Reoperation and Amputation after Open Periarticular Tibia Fractures

Mark E. Fleming, DO; Husain Bharmal, MD; Louis Lewandowski, MD; Korboi Evans, MD. *Walter Reed National Military Medical Center, Uniformed Services University of the Health Sciences, Bethesda, MD*

DISCUSSANT: Moderator(s)

All Pelvises Are Created Equal: Or Are They? Sex Differences in Pelvic Trauma

Prakash J. Mathew, MD, MBA; Bellal Joseph, MD, FACS; Mazhar Khalil, MD; Narong Kulvatunyou, MD, FACS; Bardiya Zangbar, MD; Terence O'Keefe, MB, ChB, FACS; Andrew L. Tang, MD, FACS; Rifat Latifi,

MD, FACS; Lynn M. Gries, MD; Peter M. Rhee, MD, FACS. *University of Arizona, Tucson*

DISCUSSANT: Moderator(s)

Multidisciplinary Enhanced Recovery after Surgery in Total Joint Replacement: Complication Rates after Improving ERAS to Shorten Patient Length of Stay

Udai S. Sibbia, MD, MBA; Hamid R. Zahiri, DO; Adrian E. Park, MD, FACS; Paul J. King, MD; James H. MacDonald, MD. *Anne Arundel Medical Center, Annapolis, MD*

DISCUSSANT: Moderator(s)

SF25 | 9:45 - 11:15 am Urological Surgery II

Location: W474A

TRACK: URO

MODERATOR: Daniel J. Canter, MD, FACS, *Atlanta, GA*

CO-MODERATOR: Mark E. Wallen, MD, FACS, *Chapel Hill, NC*

The Impact of a Fellowship and Career Focus in Urology on Socioeconomic, Workforce, and Quality of Life Issues

Nicholas Pruthi; Matthew D. Lyons, MD; Will E. Kirby, MD; Joshua P. Langston, MD; Maxim J. McKibben, MD; Chris M. Gonzalez, MD, FACS; Patrick H. McKenna, MD, FACS, FAAP; Matthew E. Nielsen, MD, FACS; Angela B. Smith, MD; Raj S. Pruthi, MD, FACS. *University of North Carolina at Chapel Hill*

DISCUSSANT: Jay Simhan, MD, *Philadelphia, PA*

The Impact of Surgical Technique on Unplanned Reoperation following Open and Minimally Invasive Radical Prostatectomy: Analysis of the National Surgical Quality Improvement Program (ACS NSQIP®) Database

Ahmed Sarhan, MD; Ahmad Shabsigh, MD, FACS. *Ohio State University, Columbus*

DISCUSSANT: Stephen Y. Nakada, MD, FACS, *Madison, WI*

It Matters: Day of Week and Type of Surgical Assistant (Second Attending vs. Fourth-Year Resident vs. Advanced Care Provider) Predict Outcomes following Radical Cystectomy

Stephen B. Riggs, MD, FACS; Caroline A. Merwarth; Myra M. Robinson, MSPH; James T. Symanowski, PhD; Kris E. Gaston, MD, FACS. *Levine Cancer Institute, Carolinas HealthCare System, Charlotte, NC*

DISCUSSANT: Stephen Y. Nakada, MD, FACS, *Madison, WI*

Usefulness of Body Mass Index (BMI) and the Novel Concept of Skin to Fascia Length (STFL) in Predicting Length of Stay (LOS), Readmission, and Complications following Radical Cystectomy (RC)

Stephen B. Riggs, MD, FACS; Caroline A. Merwarth; Myra M. Robinson, MSPH; James T. Symanowski, PhD; Kris E. Gaston, MD, FACS. *Levine Cancer Institute, Carolinas HealthCare System, Charlotte, NC*

DISCUSSANT: Rodney Davis, MD, FACS, *Little Rock, AR*

Do Early Postoperative Lactic Acid (LA) Levels Predict Adverse Outcomes following Cystectomy?

Stephen B. Riggs, MD, FACS; Caroline A. Merwarth; Myra M. Robinson, MSPH; James T. Symanowski, PhD; Kris E. Gaston, MD, FACS. *Levine Cancer Institute, Carolinas HealthCare System, Charlotte, NC*

DISCUSSANT: Rodney Davis, MD, FACS, *Little Rock, AR*

Morbid Obesity Is Not Associated with Worse Outcomes following Surgery for Renal Cell Cancer (RCC)

Edwin J. Abel, MD, FACS; Michael L. Blute, Jr., MD; Tracy M. Downs, MD, FACS; Matthew Grimes; Kristin Zorn; David F. Jarrard, MD; Sara L. Best, MD; Sean P. Hedican, MD; Stephen Y. Nakada, MD, FACS. *University of Wisconsin School of Medicine and Public Health, Madison*
DISCUSSANT: Jay Simhan, MD, *Philadelphia, PA*

SF26 | 12:45 - 2:15 pm

Pediatric Surgery III

Location: HMPCC Grant Park CD

TRACK: PED

MODERATOR: Faisal G. Qureshi, MB, BS, FACS, *Dallas, TX*
CO-MODERATOR: Eugene S. Kim, MD, FACS, *Los Angeles, CA*

Potential of Serotonin Signaling Enhances Intestinal Mucosal Parameters and Protects against Intestinal Ischemia and Reperfusion Injury in Mice

John J. Tackett, MD; Neeru Gandotra, PhD; Michaela C. Bamdad; Eleanor D. Muise, MD; Robert A. Cowles, MD, FACS. *Yale University School of Medicine, New Haven, CT*
DISCUSSANT: Moderator(s)

The Amino Acid Sequence Threonine-Arginine-Threonine-Arginine-Valine-Serine-Arginine-Leucine-Tyrosine in the Rhesus Rotavirus VP4 Protein Governs Viral Tropism in Mouse Biliary Atresia

Phylcia D. Dupree, MD; Inna N. Lobeck, MD; Gregory M. Tiao, MD, FACS; Sujit Mohanty, DVM, PhD; Ashley Walthers, MD; Bryan Donnelly; Monica M. McNeal. *Cincinnati Children's Hospital Medical Center, OH*
DISCUSSANT: Moderator(s)

Intra-Tumoral Implantation of Vincristine-Loaded Sustained-Release Silk Sponge Is Effective in Tumor Control in an Orthotopic Neuroblastoma Murine Model

Jamie Harris, MD; Jeannine M. Coburn, PhD; Jennifer Poirier, PhD; David L. Kaplan, PhD; Bill Chiu, MD, FACS. *Rush University Medical Center, University of Illinois Chicago; Tufts Medical Center, Boston, MA*
DISCUSSANT: Moderator(s)

Oncolytic Herpes Simplex Virus Decreased Rhabdomyosarcoma Cell Survival In-Vitro and In-Vivo

Alicia M. Waters, MD; Jerry Stewart; Gregory K. Friedman, MD; G.Y. Gillespie, PhD; James M. Markert, MD, FACS; Elizabeth A. Beierle, MD, FACS. *University of Alabama, Birmingham*
DISCUSSANT: Moderator(s)

EP2 Receptor Antagonist PF-04418948 Blocks Prostaglandin E2-Induction of Cyclooxygenase-2 and Decreases the Incidence of Experimental Necrotizing Enterocolitis

Jamie Golden, MD; Patil Kavarian; Laura Illingworth; Brandon Bell; Jordan D. Bowling, MD; Joanna C. Lim, MD; Jin Wang; Christopher P. Gayer, MD, PhD, FACS; Anatoly V. Grishin, PhD; Henri R. Ford, MD, FACS. *Children's Hospital of Los Angeles, CA*
DISCUSSANT: Moderator(s)

The Intestinal Microbiome of Pediatric Surgery Patients Demonstrates a High Level of Endemism between Limbs of Discontinuous Bowel

Ryan G. Spurrier, MD; Justine W. Debelius; Minna M. Wieck, MD; Andrew Trecartin, MD; Kathy Schall, MD; Rob Knight, PhD; Tracy C. Grikscheit, MD, FACS. *Children's Hospital of Los Angeles, CA; University of Colorado, Boulder*
DISCUSSANT: Moderator(s)

SF27 | 12:45 - 4:00 pm

Quality, Safety, and Outcomes III

Location: W470A

TRACK: HP

MODERATOR: Karl Y. Bilimoria, MD, FACS, *Chicago, IL*

Comanagement of Vascular Patients Improves Surgical Outcomes

David L. Feldman, MD, MBA, FACS; Patricia Kischak, RN, MBA; Michael Brodman, MD; Ronald N. Kaleya, MD, FACS; I. Michael Leitman, MD, FACS; Meg A. Rosenblatt, MD; Calie Santana, MD; Peter Shamamian, MD, FACS; Donna Somerville. *Mount Sinai Health System, New York, NY; Montefiore Medical Center, Bronx, NY; Maimonides Medical Center, Brooklyn, NY*
DISCUSSANT: Moderator(s)

Harnessing the Electronic Health Record to Identify Patients at Risk for In-Hospital Complications

Robert H. Hollis, MD; Laura Graham, MPH; John P. Lazenby, MD; Daran M. Brown, RN, MBA; Benjamin B. Taylor, MD; Martin J. Heslin, MD, MSHA, FACS; Loring W. Rue III, MD, FACS; Mary T. Hawn, MD, MPH, FACS. *University of Alabama, Birmingham*
DISCUSSANT: Moderator(s)

Hospital Readmissions after Total Hip/Knee Arthroplasty Are Reduced in Integrated Health Systems

Joy C. Chen, MD; Kim F. Rhoads, MD, FACS; Kim F. Rhoads, MD, FACS; Jeremy D. Shaw, MD; Yifei Ma. *Stanford University, CA; University of California, San Francisco*
DISCUSSANT: Moderator(s)

Urban and Pediatric Hospitals Are Associated with Lower Risk of Anesthesia-Related Complications

Morgan K. Richards, MD; Jarod McAteer, MD; Lynn Martin; Keith T. Oldham, MD, FACS; Adam B. Goldin, MD, FACS. *Seattle Children's Hospital, University of Washington*
DISCUSSANT: Moderator(s)

Analysis of Early and Late Readmission after Gastrectomy to Index and Nonindex Hospitals

David C. Chang, PhD, MPH, MBA; Abraham Noorbakhsh; John Mullen, MD. *Massachusetts General Hospital, Boston; University of California, San Diego*
DISCUSSANT: Moderator(s)

Which Surgical Outcomes Are Easiest to Improve? An Analysis of 6 Major ACS NSQIP® Outcomes over Time

Elizabeth R. Berger, MD; Mark E. Cohen, PhD; Yao-ming Liu, PhD; Karl Y. Bilimoria, MD, FACS; Bruce L. Hall, MD, FACS; Clifford Y. Ko, MD, MS, MSHS, FACS, FASRCS. *American College of Surgeons, Chicago, IL;*



University of California, Los Angeles; Northwestern University, Chicago, IL

DISCUSSANT: Moderator(s)

Postoperative Readmission Time Interval and Model Performance: Implications for Hospital Profiling

Andrew A. Gonzalez, MD, JD, MPH; Aslam Ejaz, MD, MPH; Nicholas H. Osborne, MD; Amir A. Ghaferi, MD, FACS. *University of Michigan, Ann Arbor; University of Illinois at Chicago*

DISCUSSANT: Moderator(s)

The Impact of Volume in the Aftermath of Diverticulitis Damage Control Operations

Christopher T. Aquina, MD; Christian P. Probst, MD; Bradley J. Hensley, MD, MBA; James C. Iannuzzi, MD, MPH; Adan Z. Becerra; Katia Noyes, PhD, MPH; John R. Monson, MB, BCh, FACS; Fergal Fleming, MD. *University of Rochester Medical Center, NY*

DISCUSSANT: Moderator(s)

Hospital-Level Variation in Anastomotic Leak after Colectomy

Julia Berian, MD; Mark E. Cohen, PhD; Karl Y. Bilimoria, MD, FACS. *American College of Surgeons, Northwestern University, University of Chicago, IL*

DISCUSSANT: Moderator(s)

Minority-Serving Hospitals and Cancer Surgery Readmissions: A Reason for Concern

Young K. Hong, MD; Chaoyi Zheng; Russell C. Langan, MD; Elizabeth M. Hechenbleikner, MD; Erin C. Hall, MD, MPH; Lynt B. Johnson, MD, MBA, FACS; Nawar M. Shara, PhD; Waddah B. Al-Refaie, MB, BCh, FACS. *Medstar Georgetown University Hospital, Washington, DC*

DISCUSSANT: Moderator(s)

Understanding the Relationship between 30- and 90-Day Emergency Room Visits, Readmissions, and Complications following Radical Cystectomy

E. Sophie Spencer, MD; Matthew D. Lyons, MD; Peter Greene, MD; Anne Marie Meyer, PhD; Ke Meng, PhD; Matthew E. Nielsen, MD, FACS; Eric M. Wallen, MD, FACS; Michael E. Woods, MD, FACS; Raj S. Pruthi, MD, FACS; Angela B. Smith, MD. *University of North Carolina at Chapel Hill*

DISCUSSANT: Moderator(s)

Lack of Engagement in Surgical Quality Improvement Research Is Associated with Poorer Quality of Care

Ben E. Byrne, MB, BChir; Paul Aylin; Alex Bottle, PhD; Omar Faiz; Ara W. Darzi, MB, BCh, FACS(Hon); Charles A. Vincent, PhD. *Imperial College London, St. Mark's Hospital, U.K.; University of Oxford, U.K.*

DISCUSSANT: Moderator(s)

SF28 | 2:30 - 5:45 pm Breast

Location: HMPCC Grant Park AB

TRACKS: GEN, ONC

MODERATOR: Sarah L. Blair, MD, FACS, *La Jolla, CA*
CO-MODERATOR: Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Excellence in Research Award recipient presenting:
Julia M. Greene, MD, *San Antonio, TX*

Correlation between Robust Local Reactions Prompting GM-CSF Dose Reduction to Clinical Response in a Phase II Trial of the GP2+GM-CSF HER2 Peptide Vaccine to Prevent Breast Cancer Recurrence

Julia M. Greene, MD; Erika Schneble, DO; Laura Richie; Sonia A. Perez, PhD; Alfred F. Trappey, MD; John S. Berry IV, MD; Michael Papamichail, MD, PhD; Guy T. Clifton, MD, FACS; Elizabeth A. Mitten-dorf, MD, FACS; George E. Peoples, Jr., MD, FACS. *Cancer Vaccine Development Program, Bethesda, MD; San Antonio Military Medical Center, TX; MD Anderson Cancer Center, Houston, TX*

DISCUSSANT: Lee G. Wilke, MD, FACS, *Madison, WI*

Risk Calculator for Surgical Complications: Analysis of the MROC Data

Alexei Mlodinow; Neil A. Fine, MD, FACS; Jordan T. Blough; Andrea L. Pusic, MD, FACS; Edwin G. Wilkins, MD, FACS; Nima Khavanin; John Y.S. Kim, MDM, FACS. *Northwestern University Feinberg School of Medicine, Chicago, IL; Memorial Sloan Kettering Cancer Center, New York, NY; University of Michigan Medical School, Ann Arbor*

DISCUSSANT: Julie E. Park, MD, *Chicago, IL*

Neoadjuvant Chemotherapy and Wound Complications: An ACS NSQIP® Database Review

Megan E. Bowen, MD; Mary C. Mone, RN; Sandra S. Buys, MD; Xiaoming Sheng, PhD; Edward W. Nelson, MD, FACS. *University of Utah, Salt Lake City*
DISCUSSANT: Richard L. White, MD, FACS, *Charlotte, NC*

Are the ACOSOG Z0011 Findings Being Incorporated into Practice Nationally? An Initial Assessment of Practice Patterns in the U.S. Since Publication of the Trial Results

Elizabeth R. Berger, MD; Katherine Yao, MD, FACS; Erik Liederbach; David P. Winchester, MD, FACS; Karl Y. Bilimoria, MD, FACS. *American College of Surgeons, Northwestern University, Chicago, IL; North Shore University HealthSystem, Evanston, IL*
DISCUSSANT: A. Marilyn Leitch, MD, FACS, *Dallas, TX*

An Analysis of the Decision-Making Process for Contralateral Prophylactic Mastectomy and Breast Reconstruction

Patrick J. Buchanan, MD; Mariam Abdulghani; Jennifer F. Waljee, MD; Jeffrey H. Kozlow, MD; Lisa A. Newman, MD, MPH, FACS; Kevin C. Chung, MD, FACS; Adeyiza O. Momoh, MD. *University of Michigan, Ann Arbor*
DISCUSSANT: Kathy Yao, MD, FACS, *Evanston, IL*

Cost-Effectiveness Analysis of Contralateral Prophylactic Mastectomy Compared to Unilateral Mastectomy with Routine Surveillance for Unilateral, Sporadic Breast Cancer

Robert C. Keskey; Andrew S. LaJoie, PhD; Amanda Roberts, MD, MPH; Kevin D. Frick, PhD; In K. Kim, MD, MBA; Brad S. Sutton, MD, MBA; William G. Cheadle, MD, FACS; Nicolas Ajkay, MD, FACS. *University of Louisville School of Medicine, KY; Johns Hopkins University, Baltimore, MD; University of Toronto, ON*
DISCUSSANT: Judy C. Boughey, MB, BChir, FACS, *Rochester, MN*

Comparative Analysis of 1 Percent Lymphazurin vs. 1 Percent Methylene Blue for Sentinel Lymph Node Mapping in Early-Stage Breast Cancer

Sukamal Saha, MD, FACS; Lindsay Berbiglia, DO; Vaishali Patel, DO; Gerard Paez, PhD; Jill Gernand; Linda Lawrence, MD; Christopher Conlin, MD; Tomy Kalappambath, MD; David Wiese, MD, PhD. *McLaren Regional Medical Center, Flint, MI*
DISCUSSANT: Alyssa Dawn Throckmorton, MD, FACS, *Memphis, TN*

Efficacy and Long-Term Outcomes following Cryo-Assisted Lumpectomy for Breast Cancer

Susie X. Sun, MD; Katherine VanHise; Sudhir Kunchala; Erin K. Greenleaf, MD; Christopher S. Hollenbeak, PhD; J. S. Smith, Jr., MD, FACS. *Penn State Hershey Medical Center, PA*
DISCUSSANT: Rachel M. Simmons, MD, FACS, *New York, NY*

Characteristics and Treatment of HER2 Positive Breast Cancer: 43,485 Cases from the National Cancer Data Base (NCDB) Treated in 2010 and 2011

Brigid K. Killelea, MD, FACS; Anees B. Chagpar, MD, FACS, FRCSC; Nina R. Horowitz, MD, FACS; Donald R. Lannin, MD, FACS. *Yale University School of Medicine, New Haven, CT*
DISCUSSANT: Swati Kulkarni, MD, FACS, *Chicago, IL*

Surgical Outcomes in Elderly Patients Undergoing Mastectomy with and without Reconstruction for Breast Cancer

Simone Mays; Tracy-Ann Moo, MD; Rache M. Simmons, MD, FACS. *Weill Cornell Medical College, New York, NY*
DISCUSSANT: Sarah L. Blair, MD, FACS, *La Jolla, CA*

Intraductal Papilloma with Benign Pathology on Breast Core Biopsy: To Excise or Not?

Talar Tatarian, MD; Melissa Lazar, MD; Claire M. Sokas; Sanchi Malhotra; Juan Palazzo, MD; Elizabeth Hsu, MD; Theodore Tsangaris, MD, FACS; Adam C. Berger, MD, FACS. *Thomas Jefferson University Hospital, Philadelphia, PA*
DISCUSSANT: Julia C. Tchou, MD, PhD, *Philadelphia, PA*

Single Injection Liposomal Bupivacaine vs. Catheter Directed Continuous Infusion of Bupivacaine in Saline for Mastectomy: No Difference in Length of Stay or Opioid Use

Yaniv Cozacov, MD; Nagi Muneer; Edward B. Savage, MD, FACS; William Kernan, PharmD; Margaret E. Gilot, MD, FACS; Cassann Blake, MD, FACS. *Cleveland Clinic Florida, Weston*
DISCUSSANT: Anne M. Wallace, MD, FACS, *La Jolla, CA*

SF29 | 2:30 - 5:45 pm

Geriatric and Palliative Care

Location: HMPCC Grant Park CD

TRACK: GER

MODERATOR: Julie A. Sosa, MD, FACS, *Durham, NC*

MODERATOR: Jason M. Johanning, MD, FACS, *Omaha, NE*

Excellence in Research Award recipient presenting:

Sanjay Mohanty, MD, *Chicago, IL*

Surrogate Consent for Surgery Forecasts Early Do-Not-Resuscitate Orders and High Mortality

Sanjay Mohanty, MD; Thomas N. Robinson, MD, FACS; Zara Cooper, MD, FACS; Margaret L. Schwarze, MD, FACS; Karl Y. Bilimoria, MD, FACS; Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS; Ronnie A. Rosenthal, MD, FACS. *American College of Surgeons, Chicago, IL; Yale University School of Medicine, New Haven, CT; University of Colorado School of Medicine, Aurora*
DISCUSSANT: Moderator(s)

Redefining the Association between Old Age and Poor Outcomes after Trauma: The Impact of Frailty Syndrome

Tahereh O. Jokar, MD; Peter M. Rhee, MD, FACS; Bardiya Zangbar, MD; Narong Kulvatunyou, MD, FACS; Mazhar Khalil, MD; Terence O'Keeffe, MB, ChB, FACS; Andrew L. Tang, MD, FACS; Randall S. Frieze, MD, FACS; Lynn M. Gries, MD; Bellal Joseph, MD, FACS. *University of Arizona, Tucson*
DISCUSSANT: Moderator(s)

A Systematic Review of Postoperative Recovery in Elderly Patients: What Is It and How Do We Measure It?

Mehdi Tahiri, MD; Cassandre E. Benay, MD; Jordan Levy; Tarfin Sikder; Daniel Newman; Isabelle Vedel, MD, PhD; Geva Maimon, PhD; Simon Bergman, MD, FACS. *Jewish General Hospital - Lady Davis Institute, Montreal General Hospital, QC*
DISCUSSANT: Moderator(s)

Mild Traumatic Brain Injury (TBI) in Elderly Patients: Is Routine Intensive Care Unit Admission Necessary?

Amy Gore, MD; Christine Y. Mau, MD; Charles J. Prestigiacomo, MD, FACS; Ziad C. Sifri, MD, FACS. *Rutgers New Jersey Medical School, Newark, NJ*
DISCUSSANT: Moderator(s)

The Use and Effectiveness of Advanced Directives in the End-of-Life Care of Trauma Patients

Ali Darehzereshki, MD; Shahram Aarabi, MD, MPH; Samuel P. Mandell, MD, MPH; Frederick P. Rivara, MD, MPH; J. Randall Curtis, MD, MPH; Saman Arbabi, MD, MPH, FACS; Ronald V. Maier, MD, FACS. *Harborview Medical Center, Seattle Children's Hospital, WA*
DISCUSSANT: Moderator(s)

Fast-Track Colorectal Cancer Surgery with ERAS Protocol—More Infectious Complications in the Elderly

Charlotte L. Kvasnovsky, MD, MPH; Savvas Papagrigoriadis, MD, FRCS. *King's College Hospital, London, U.K.; University of Maryland Medical Center, Baltimore*
DISCUSSANT: Moderator(s)

Outcomes for Emergent Surgical Procedures in Octogenarians: A Seven-Year Experience from American College of Surgeons National Surgical Quality Improvement Program (ACS NSQIP®) Data

Busayo B. Irojah, MD. *York Hospital, PA*
DISCUSSANT: Moderator(s)

Loss of Muscle Mass: A Significant Predictor of Postoperative Complications in Patients with Acute Diverticulitis

Kazuhide Matsushima, MD; Kenji Inaba, MD, FACS; Vidhi Jhaveri; Vincent Cheng; Aaron M. Strumwaser, MD; Gregory A. Magee, MD; Stefano Siboni,

PA

MD; Elizabeth R. Benjamin, MD, PhD, FACS; Tristan Tham, MD; Demetrios Demetriades, MD, PhD, FACS. *University of Southern California, Los Angeles*
DISCUSSANT: Moderator(s)

Ultrasound Diagnosis of Sarcopenia Is Predictive of Postoperative Complications

Omar Alkathiri; Saad Y. Salim, PhD; Lindsey M. Warkentin; Thomas A. Churchill, PhD; Puneeta Tandon, MD; Rachel G. Khadaroo, MD, PhD, FRCSC. *University of Alberta Hospital, Edmonton*
DISCUSSANT: Moderator(s)

Frailty Is a Predictor of Adverse Outcomes after Hepatic Resections for Hepatocellular Carcinoma

Raghuveeran Venkat, MD, MPH; Felipe B. Mae-gawa, MD, FACS. *University of Arizona, Tucson*
DISCUSSANT: Moderator(s)

Frailty Index Predicts the Risk of Morbidity and Mortality after Pancreaticoduodenectomy—An ACS NSQIP® Study

Raghuveeran Venkat, MD, MPH; Felipe B. Mae-gawa, MD, FACS. *University of Arizona, Tucson*
DISCUSSANT: Moderator(s)

Feasibility of Individualized Prehabilitation for Gastrointestinal Cancer Patients

Juliane Bingener, MD, FACS; Jeff A. Sloan, PhD; Susan Cutshall, RN; Pamela E. Skaran; Mark Truty, MD; Mark S. Allen, MD, FACS. *Mayo Clinic, Rochester, MN*
DISCUSSANT: Moderator(s)

SF30 | 2:30 - 5:45 pm

Hepatobiliary and Pancreas II

Location: W470B

TRACK: BTR

MODERATOR: Thomas A. Aloia, MD, FACS, *Houston, TX*
CO-MODERATOR: Ajay V. Maker, MD, FACS, *Chicago, IL*

Post-Hepatectomy Bleeding: Examining the Effect of a Change in ACS NSQIP® Definition

Emily Winslow, MD, FACS; Alison Gegios, MD; Yue Ma, PhD; Oya Andacoglu, MD; Linda Cherney Stafford, MPH. *University of Wisconsin, Madison*
DISCUSSANT: Amanda Beth Cooper, MD, *Houston, TX*

Posttreatment Neutrophil-to-Lymphocyte Ratio (NLR) Is an Independent Prognostic Marker in Patients with Localized Pancreatic Cancer Treated with Neoadjuvant Therapy

Sophia Rokkas; Kathleen K. Christians, MD, FACS; Mohammed Aldakkak, MD; Ben George, MD; Paul S. Ritch, MD; Beth A. Erickson, MD; Fabian M. Johnston, MD; Douglas B. Evans, MD, FACS; Susan Tsai, MD, MHS. *Medical College of Wisconsin, Milwaukee*
DISCUSSANT: Ryan C. Fields, MD, FACS, *St. Louis, MO*

Small Cell Carcinoma of the Pancreas: Population-Based Study of a Rare Tumor Using the National Cancer Data Base

Tommy Ivanics, MD; John R. Bergquist, MD; Christopher Shubert, MD; Elizabeth B. Habermann, PhD, MPH; Rory L. Smoot, MD; Mark Truty, MD. *Mayo Clinic, Rochester, MN*
DISCUSSANT: Taylor S. Riall, MD, PhD, FACS, *Galveston, TX*

The Effect of Chronic Kidney Disease on Postoperative Outcomes after Major Hepatectomy: Results from the ACS National Surgical Quality Improvement Program

Thuy B. Tran, MD; Monica M. Dua, MD; David A. Spain, MD, FACS; George A. Poultides, MD, FACS; Jeffrey A. Norton, MD, FACS; Brendan C. Visser, MD, FACS. *Stanford University School of Medicine, CA*
DISCUSSANT: Shishir K. Maithel, MD, FACS, *Atlanta, GA*

Degree of Pathologic Tumor Response to Neoadjuvant Therapy Is Associated with Margin and Nodal Status in Resected Borderline Resectable Pancreatic Cancer

June S. Peng, MD; Trang K. Nguyen, MD; Jane S. Wey, MD, FACS; Sricharan Chalikonda, MD, MHA, FACS; R. Matthew Walsh, MD, FACS; Gareth Morris-Stiff, MB, BCh, PhD, FRCS. *Cleveland Clinic Foundation, OH*
DISCUSSANT: Rebekah R. White, MD, *Durham, NC*

Interhospital Variability in Inpatient Costs of Liver and Pancreatic Resections

Howard W. Nelson-Williams, MD, MPH; Gaya Spolverato, MD; Yuhree Kim, MD, MPH; Doris Wagner; Neda Amini, MD; Aslam Ejaz, MD, MPH; Arman Kilic, MD; Timothy M. Pawlik, MD, FACS. *The Johns Hopkins University School of Medicine, Baltimore, MD*
DISCUSSANT: Daniel E. Abbott, MD, *Cincinnati, OH*

Impact of Sarcopenia on Outcomes after Pancreatectomy for Malignancy: Preliminary Results

Andrea Sagnotta, MD; Marco La Torre, MD, PhD; Francesco Carbonetti, MD; Livia Maria Mangogna, MD; Adelona Salaj, MD; Giuseppe R. Nigri, MD, PhD, FACS, FRCS, FASCRS; Giovanni Ramacciato, MD, FACS. *Sant' Andrea Hospital, Rome, Italy*
DISCUSSANT: Matthew H. G. Katz, MD, *Houston, TX*

Survival Impact and Disparities in Access for High-Volume Pancreatic Surgery

Lauren Pointer, MD; Zaid Al-Qurayshi, MB, ChB, MPH; Emad Kandil, MB, BCh, FACS; Douglas P. Slakey, MD, FACS. *Tulane University School of Medicine, New Orleans, LA*
DISCUSSANT: Ching-Wei David Tzeng, MD, *Lexington, KY*

The Clinical Impact of CD4+CD49b+regulatory T Cells Addition to Foxp3+regulatory T Cells in Cancer Patients' Immunity

Tetsuya Ikemoto, MD, PhD, FACS; Mitsuo Shimada, MD, FACS; Daichi Ishikawa; Hiroki Teraoku; Masato Yoshikawa; Shinichiro Yamada; Chie Takasu; Yu Saito, MD, PhD; Yuji Morine, MD, PhD, FACS; Satoru Imura, MD, PhD, FACS. *University of Tokushima, Tokushima University Hospital, Fujii Memorial Institute of Medical Sciences, Japan*
DISCUSSANT: Jason B. Fleming, MD, FACS, *Houston, TX*

Total Pancreatectomy and Islet Autotransplant after Roux-en-Y Gastric Bypass or Partial Gastrectomy

Sydne Muratore, MD; Selma El Hag, MD; Melena Bellin, MD; K. Louise Berry, RN; Sayeed Ikramuddin, MD, FACS; David E. Sutherland, MD, FACS; Ty B. Dunn, MD, FACS; Gregory J. Beilman, MD, FACS. *University of Minnesota, Minneapolis*
DISCUSSANT: Syed A. Ahmad, MD, FACS, *Cincinnati, OH*

Distal Pancreatectomy without Splenectomy Is Associated with Higher Reoperation Rates: Results of the NIS Database

Hassan Aziz, MD; Evan Ong, MD; Tun Jie, MD, FACS.
Banner University, Tucson, AZ

DISCUSSANT: Claudius H. Conrad, MD, PhD, *Houston, TX*

SF31 | 2:30 - 5:45 pm

Plastic and Maxillofacial Surgery I

Location: W193

TRACK: PLA

MODERATOR: Evan S. Garfein, MD, FACS, *New York, NY*

Excellence in Research Award recipient presenting:

Ruth Tevlin, MB, BCh, MRCSI, *Stanford, CA*

Impairment in Fracture Healing in a Mouse Model of Type 2 Diabetes Is Driven by Skeletal Stem Cell Niche Dysregulation

Ruth Tevlin, MB, BCh, MRCSI; Eun Young Seo; Adrian Mc Ardle, MB, BCh, MRCSI; Xinming Tong, PhD; Michael Januszyk, MD, PhD; Fan Yang, PhD; Geoffrey C. Gurtner, MD, FACS; Charles K.F. Chan, PhD; Irving L. Weissman, MD; Michael T. Longaker, MD, MBA, FACS. *Stanford University Medical School, CA*

DISCUSSANT: Moderator(s)

Obesity but Not High-Fat Diet Impairs Lymphatic Function

Gabriela D. García Nores, MD; Jason C. Gardenier, MD; Ira L. Savetsky, MD; Jeremy S. Torrisi; Matthew D. Nitti; Geoffrey E. Hespe; Raghu P. Kataru, PhD; Babak J. Mehrara, MD, FACS. *Memorial Sloan Kettering Cancer Center, New York, NY*

DISCUSSANT: Moderator(s)

Adipose-Derived Stem Cells Improve Engraftment of Full Thickness Skin Grafts by Increasing Angiogenesis

Michael S. Hu, MD, MPH; Wan Xing Hong; Zeshaan N. Maan, MB, BS, MRCS; Min Hu, MD, PhD; Andrew S. Zimmermann; Graham G. Walmsley; Michael Chung; H. Peter Lorenz, MD, FACS; Michael T. Longaker, MD, MBA, FACS. *Stanford University School of Medicine, CA; John A. Burns School of Medicine, University of Hawaii, Honolulu*

DISCUSSANT: Moderator(s)

Severe Necrosis of Ischemic Skin Flap Tissue in Flk-1+/- (VEGFR2/KDR) Knockout Mice Treated with Peliino 1 (Peli1) Gene Therapy

Rickesha L. Wilson, MD; Chandra K. Rednam; Vaithinathan Selvaraju, PhD; Muhammad T. Rishi, MD; Thirunavukkarasu Mahesh, PhD; J. Alexander Palesty, MD, FACS; David W. McFadden, MD, FACS; Nilanjana Maulik, PhD, FAHA. *University of Connecticut Health, Farmington*

DISCUSSANT: Moderator(s)

A Chemotactic "Smart Scaffold" Promotes Healing in Craniofacial Defects

Kameron Rezzadeh; Akishige Hokugo, DDS, PhD; Luis A. Segovia, MD; Situo Zhou; Zheyu Zhang; Reza Jarrahy, MD, FACS. *David Geffen School of Medicine at UCLA, Los Angeles, CA*

DISCUSSANT: Moderator(s)

Microfluidic Single-Cell Transcriptional Analysis Reveals Subpopulations of Adipose Derived Stromal Cells with Enhanced Angiogenic Potential

Elizabeth R. Zielins, MD; Michael Januszyk, MD, PhD; Anna Luan; Elizabeth A. Brett; Kevin Paik; Graham G. Walmsley; Geoffrey C. Gurtner, MD, FACS; Michael T. Longaker, MD, MBA, FACS; Derrick C. Wan, MD, FACS. *Stanford University, CA*

DISCUSSANT: Moderator(s)

Soft-Tissue Restoration Using Electrospun Nanofiber-Hydrogel Composites with Interfacial Bonding

Sashank Reddy, MD, PhD; Georgia C. Yalanis; Russell A. Martin; Jisuk Choi, PhD; Hai-Quan Mao, PhD; Justin M. Sacks, MD, FACS. *Johns Hopkins University, Baltimore, MD*

DISCUSSANT: Moderator(s)

Hydrogen Sulfide Delays Onset of Acute Rejection in Porcine VCA model

Sharon D. Lawson, MD; Lin C. Wang, MD; Charles A. Fries; Michael R. Davis, MD, FACS. *U.S. Army Institute for Surgical Research, San Antonio, TX*

DISCUSSANT: Moderator(s)

Hyperbaric Sub-Normothermic Ex-Vivo Perfusion Delays the Onset of Acute Rejection in a Porcine VCA Model

Sharon D. Lawson, MD; Lin C. Wang, MD; Charles A. Fries; Michael R. Davis, MD, FACS. *U.S. Army Institute for Surgical Research, San Antonio, TX*

DISCUSSANT: Moderator(s)

Melanoma Progression Depends on CXCL12 Expression by Host Endothelium

Zeshaan N. Maan, MB, BS, MRCS; Michael S. Hu, MD, MPH; Alexander Whittam; Lauren H. Fischer, MD; Dominik Duscher, MD; Graham G. Walmsley; Michael Januszyk, MD, PhD; Arnetha J. Whitmore; Michael T. Longaker, MD, MBA, FACS; Geoffrey C. Gurtner, MD, FACS. *Stanford University School of Medicine, CA*

DISCUSSANT: Moderator(s)

3-D Integrated Organ Printing for Ear Reconstruction

Carlos Kengla; Hyun Wook Kang, PhD; John D. Jackson, PHD; Sang Jin Lee; James Yoo, MD, PhD; Anthony Atala, MD, FACS. *Wake Forest School of Medicine, Winston-Salem, NC*

DISCUSSANT: Moderator(s)

Delivery of Macrophages in a Biomimetic Scaffold Accelerates Diabetic Wound Healing through Enhanced Angiogenesis

Graham G. Walmsley; Michael S. Hu, MD, MPH; Dominik Duscher, MD; Michael Januszyk, MD, PhD; Zeshaan N. Maan, MB, BS, MRCS; Kshemendra Senarath-Yapa, MD; Ruth Tevlin, MB, BCh, MRCSI; Elizabeth R. Zielins, MD; Geoffrey C. Gurtner, MD, FACS; Michael T. Longaker, MD, MBA, FACS. *Stanford University, CA*

DISCUSSANT: Moderator(s)

SF32 | 2:30 - 5:45 pm

Trauma II

Location: W176

TRACKS: TRA, GEN

MODERATOR: Phillip K. Chang, MD, FACS, *Lexington, KY*
CO-MODERATOR: Reza Askari, MD, FACS, *Boston, MA*



Operative Repair of Traumatic Abdominal Wall Hernias: "No Time Like the Present"

Abdul Q. Alarhayem, MD; John G. Myers, MD, FACS; Nathan S. Rubalcava, MD; Brian J. Eastridge, MD, FACS. *University of Texas Health Science Center, San Antonio*

DISCUSSANT: Moderator(s)

Surveillance and Early Management of Deep Vein Thrombosis Decreases Rate of Pulmonary Embolism in High-Risk Trauma Patients

Casey J. Allen, MD; Jonathan P. Meizoso, MD; Joyce Kaufman, MD; Laura F. Teisch; Xiomara D. Ruiz, MD; Robert M. Van Haren, MD, MSPH; Carl I. Schulman, MD, PhD, FACS; Edward B. Lineen, MD, FACS; Nicholas Namias, MD, FACS; Kenneth G. Proctor, PhD. *University of Miami, Ryder Trauma Center, FL*

DISCUSSANT: Moderator(s)

Potentially Preventable Prehospital Deaths from Motor-Vehicle Collisions

Juliet J. Ray, MD; Shevonne S. Satahoo, MD; James S. Davis, MD; Harrison Dermer; Katherina Julien; Robert M. Van Haren, MD, MSPH; Jill Graygo, MPH; Lorne H. Blackbourne, MD, FACS; George T. Bahouth; Carl I. Schulman, MD, PhD, FACS. *University of Miami, FL*

DISCUSSANT: Moderator(s)

Topographic Anatomy as a Surrogate Measure of Aortic Length for REBOA Catheter Insertion

Ranan A. Mendelsberg, MD; Kenji Inaba, MD, FACS; Lee A. Myers, MD; Tobias Haltmeier, MD; Megan R. Linnebur, MD; Demetrios Demetriades, MD, PhD, FACS. *LAC+USC Medical Center, Los Angeles, CA*

DISCUSSANT: Moderator(s)

Natural History of Trauma Patients Presenting "Dead on Arrival": Should We Resuscitate?

Abdul Q. Alarhayem, MD; Stephen M. Cohn, MD, FACS; Brian J. Eastridge, MD, FACS; Nathan S. Rubalcava, MD; John G. Myers, MD, FACS. *University of Texas Health Science Center, San Antonio*

DISCUSSANT: Moderator(s)

Computed Tomography in Hemodynamically Unstable Severely Injured Trauma Patients

Juan P. Herrera-Escobar, MD; Michael W. Parra, MD; Carlos A. Ordoñez, MD; Juan Carlos Puyana, MD, FACS; Paola A. Rodriguez-Ossa; David A. Mejia, MD; Mónica Andrea Morales García; Maria P. Garcia-Garcia, MD; Johanna C. Rojas-Mirquez, MD; Luis L. Pino, MD. *Universidad del Valle, Cali, Colombia*

DISCUSSANT: Moderator(s)

Failing to Rescue Our Elders: Increased Mortality and Transfer Status in Geriatric Trauma

Joshua B. Brown, MD; Matthew R. Rosengart, MD, MPH, FACS; Raquel M. Forsythe, MD, FACS; Timothy R. Billiar, MD, FACS; Andrew B. Peitzman, MD, FACS; Brian S. Zuckerbraun, MD, FACS; Jason L. Sperry, MD, FACS. *University of Pittsburgh, PA*

DISCUSSANT: Moderator(s)

The Effect of Illicit Drugs on Mortality and Hospital Course: A Retrospective Study at a Level 1 Trauma Center

Cynthia M. Hlavacek. *University of North Carolina at Chapel Hill*

DISCUSSANT: Moderator(s)

Predicting Mortality in the Geriatric Patient following Blunt Traumatic Hemorrhagic Shock

John O. Hwabejire, MD; Christine E. Nembhard, MD; Edward E. Cornwell III, MD, FACS; Suryanarayana M. Siram, MD, FACS; Wendy R. Greene, MD, FACS. *Howard University Hospital, Washington, DC*

DISCUSSANT: Moderator(s)

Despite Trauma Center Closures, Trauma System Regionalization Reduces Time to Definitive Care and Mortality

Jack C. He, MD; David Schechtman; Michael A. Samotowka, MD, FACS; Jeffrey A. Claridge, MD, FACS. *MetroHealth Medical Center, Case Western Reserve University, Case Western Reserve University School of Medicine, Cleveland Clinic Foundation, OH*

DISCUSSANT: Moderator(s)

Physical Function Recovery in Older Trauma Patients

Patricia Ayoung-Chee, MD; Deborah Sedaghatzandi; Spiros G. Frangos, MD, FACS; Gary T. Marshall, MD, FACS; Stephen P. Wall, MD. *New York University School of Medicine, Bellevue Hospital Center, NY*

DISCUSSANT: Moderator(s)

Wednesday, October 7

SF33 | 8:00 - 9:30 am

Neurological Surgery

Location: W470B

TRACK: NS

MODERATOR: Shelly D. Timmons, MD, PhD, FACS, FAANS, *Danville, PA*

Impact of Admission Hypothermia on Outcomes in Severe Traumatic Brain Injury: Not So Cool!

Viraj Pandit, MD; Bellal Joseph, MD, FACS; Mazhar Khalil, MD; Narong Kulvatunyou, MD, FACS; Tahereh O. Jokar, MD; Terence O'Keeffe, MB, ChB, FACS; Andrew L. Tang, MD, FACS; Rifat Latifi, MD, FACS; Randall S. Friese, MD, FACS; Peter M. Rhee, MD, FACS. *University of Arizona, Tucson*

DISCUSSANT: Moderator(s)

Dynamic Cervicomedullary Cord Compression and Alterations in Cerebrospinal Fluid Dynamics in Children with Achondroplasia: Results of a 10-Year Surgical Case Series

Debraj Mukherjee, MD, MPH; Barry D. Pressman, MD; Deborah Krakow, MD; David L. Rimoim, MD; Moise Danielpour, MD. *Cedars-Sinai Medical Center, Los Angeles, CA*

DISCUSSANT: Moderator(s)

Prehospital Intubation for Isolated Severe Blunt Traumatic Brain Injury: Worse Outcomes and Higher Mortality

Tobias Haltmeier, MD; Elizabeth R. Benjamin, MD, PhD, FACS; Stefano Siboni, MD; Evren Dilektasli, MD; Kenji Inaba, MD, FACS; Demetrios Demetriades, MD, PhD, FACS. *Los Angeles County/University of Southern California Medical Center Medical Center*

DISCUSSANT: Moderator(s)

Utility Valuations of Health States after Traumatic Brain Injury: Preliminary Results

Taylor C. Leath, MPH; Laura D. Wilson; Mayur B. Patel, MD, MPH, FACS. *Vanderbilt University Medical Center, Nashville, TN*

DISCUSSANT: Moderator(s)

Positive Serum Ethanol in Severe Traumatic Brain Injury Is Associated with Better Long-Term Functional Outcome

Eric P. Thelin, MD; Louis Riddez, MD, PhD; Bo-Michael Bellander, MD, PhD; Peep Talving, MD, PhD, FACS; Shahin Mohseni, MD, PhD. *Karolinska University Hospital, Stockholm, Sweden*

DISCUSSANT: Moderator(s)

SF34 | 8:00 - 9:30 am

Trauma III

Location: W193

TRACKS: TRA, GEN

MODERATOR: Carlos A. Tache-Leon, MD, FACS, *Charlottesville, VA*

CO-MODERATOR: Kaysie L. Banton, MD, FACS, *Minneapolis, MN*

Laparotomy vs. Transarterial Embolization for Splenic Injury: A Propensity Score-Matched Analysis

Takashi Fujita, MD, FACS; Yasuyuki Uchida, MD; Shinji Nakahara; Taichiro Tsunoyama, MD; Kahako Nakazawa; Maki Kitmaura; Hideki Ishikawa; Tetsuya Sakamoto, MD. *Teikyo University, Tokyo, Japan*

DISCUSSANT: Moderator(s)

Early vs. Late Rib Plating for the Flail Chest: Analysis of 17,083 Patients from the National Trauma Data Bank

Anand Dayama, MB, BS; Ali Charafeddine, MD; Odunayo E. Olorunfemi, MD; Sumit Kumar, MD; Jody M. Kaban, MD, FACS. *Jacobi Medical Center, Albert Einstein College of Medicine, Bronx, NY; San Joaquin General Hospital, French Camp, CA*

DISCUSSANT: Moderator(s)

Patients Outcomes Who Tested Positive for Alcohol following Trauma

Nasim Ahmed, MB, BS, FACS. *Jersey Shore University Medical Center, Neptune, NJ*

DISCUSSANT: Moderator(s)

Gains in Access to Rehabilitation at Age 65 Years: A Regression Discontinuity Analysis of the National Trauma Data Bank (ACS NTDB-NTDS)

Cheryl K. Zogg, MSPH, MHS; John W. Scott, MD, MPH; Adil A. Shah, MD; Thomas C. Tsai, MD, MPH; John A. Rose, MD, MPH; Chris Frisch, MD; Joel Weissman, PhD; Ali Salim, MD, FACS; Adil H. Haider, MD, MPH, FACS. *Center for Surgery and Public Health: Brigham and Women's Hospital, Harvard School of Medicine, Harvard School of Public Health, Boston, MA; Howard University College of Medicine, Washington, DC*

DISCUSSANT: Moderator(s)

Limit Crystalloid Resuscitation in Elderly Trauma Patients

Ara Ko, MD, MPH; Andrea Zaw, MD; Beatrice J. Sun; Megan Harada; Galinos Barmparas, MD; Rodrigo F. Alban, MD, FACS; Matthew B. Bloom, MD, FACS;

Daniel R. Margulies, MD, FACS; Eric J. Ley, MD, FACS. *Cedars-Sinai Medical Center, Los Angeles, CA*

DISCUSSANT: Moderator(s)

SF35 | 8:00 - 11:15 am

Critical Care Surgery

Location: W470A

TRACKS: TRA, GEN

MODERATOR: Christine S. Cocanour, MD, FACS, *Sacramento, CA*

MODERATOR: Jill R. Cherry-Bukowiec, MD, FACS, *Ann Arbor, MI*

Sphingosine Prevents Adherence of *Pseudomonas Aeruginosa* to Endotracheal Tubes: A Novel Strategy to Prevent Ventilator Associated Pneumonia

Aaron Seitz, MD; Christopher M. Freeman, MD; Alex B. Lentsch, PhD; Erich Gulbins; Michael J. Edwards, MD, FACS. *University of Cincinnati Medical Center, OH; University of Duisburg-Essen, Essen, Germany*

DISCUSSANT: Moderator(s)

OSMR Deficiency Provides Protection in Sepsis-Induced Morbidity and Mortality in Both Young Adult and Old Mice

Nour AlMalki; Saad Y. Salim, PhD; Thomas A. Churchill, PhD; Matt M. Emberg; Rachel G. Khadaroo, MD, PhD, FRCSC. *University of Alberta, Edmonton*

DISCUSSANT: Moderator(s)

BRCA1 as a Novel Biomarker of Beta1-Blockade in Sepsis

Irada Ibrahim-Zada, MD, PhD; Alejandro Lencinas, PhD; Peter M. Rhee, MD, FACS; Irina Maskaykina; Randall S. Fries, MD, FACS. *University of Arizona, Tucson*

DISCUSSANT: Moderator(s)

CCR2 Expressing Inflammatory Monocytes Contribute to the Exacerbated Inflammatory Response Associated with Sepsis

Zoltan H. Nemeth, MD, PhD; Jaroslaw W. Bilaniuk, MD, FACS; Louis T. Di Fazio, MD, FACS; Samantha R. Paglinco; Rolando H. Rolandelli, MD, FACS. *Morris-town Medical Center, NJ*

DISCUSSANT: Moderator(s)

Cold-Inducible RNA-Binding Protein (CIRP) Release during Sepsis Causes Acute Lung Injury

Alexandra Cerutti, MD; Weng-Lang Yang, PhD; Jeffrey M. Nicastro, MD, FACS; Gene F. Coppa, MD, FACS; Ping Wang, MD. *Hofstra North Shore-LIJ School of Medicine, The Feinstein Institute for Medical Research, Manhasset, NY*

DISCUSSANT: Moderator(s)

A Novel Cold Shock Protein Induces Renal Injury after Ischemia-Reperfusion

Cindy Cen, MD; Weng-Lang Yang, PhD; Hao-Ting Yen; Jeffrey M. Nicastro, MD, FACS; Gene F. Coppa, MD, FACS; Ping Wang, MD. *Hofstra North Shore-LIJ School of Medicine, The Feinstein Institute for Medical Research, Manhasset, NY*

DISCUSSANT: Moderator(s)



Clinical Validation of a Murine Model of Sepsis: Defining Thresholds for Deterioration

Anthony J. Lewis, MD; Christopher W. Seymour, MD; Du Yuan; Matthew R. Rosengart, MD, MPH, FACS. *University of Pittsburgh, PA*

DISCUSSANT: Moderator(s)

Procalcitonin Levels Can Be Used to Effectively Limit the Duration of Antibiotic Therapy in Intensive Care Patients: A Meta-Analysis

Spiro Mavromates; Christina J. Lee, MD; Ronald S. Chamberlain, MD, FACS. *Saint Barnabas Medical Center, Livingston, NJ; Rutgers University, New Jersey Medical School, Newark, NJ; Saint George's University School of Medicine, Grenada*

DISCUSSANT: Moderator(s)

Unplanned-Reoperations in Emergency General Surgery: Risk Factors and Burden

Adil A. Shah, MD; Cheryl K. Zogg, MSPH, MHS; Joaquim M. Havens, MD, FACS; Stephanie L. Nitzschke, MD; Zara Cooper, MD, FACS; Jonathan D. Gates, MD, MBA, FACS; Edward G. Kelly, MD, FACS; Reza Askari, MD, FACS; Ali Salim, MD, FACS. *Center for Surgery and Public Health: Brigham and Women's Hospital, Harvard School of Medicine, Harvard School of Public Health, Boston, MA*

DISCUSSANT: Moderator(s)

Laparoscopic to Open Emergent Cholecystectomy: The Cost of Conversion

Adil A. Shah, MD; John W. Scott, MD, MPH; Cheryl K. Zogg, MSPH, MHS; Joaquim M. Havens, MD, FACS; Stephanie L. Nitzschke, MD; Ali Salim, MD, FACS; Adil H. Haider, MD, MPH, FACS. *Center for Surgery and Public Health: Brigham and Women's Hospital, Harvard School of Medicine, Harvard School of Public Health, Boston, MA*

DISCUSSANT: Moderator(s)

OR-to-ICU Handoffs Captured on Video: Are Transitions at Night More Dangerous?

Mark E. Barry; Beth R. Hochman, MD; Meghan B. Lane-Fall, MD, MSHP; Denise M. Zappile, RN, MSN; Daniel N. Holena, MD, FACS; Steven R. Allen, MD, FACS; Niels D. Martin, MD, FACS; Patrick M. Reilly, MD, FACS, FCCP; José L. Pascual, MD, PhD, FRCSC. *University of Pennsylvania, Philadelphia*

DISCUSSANT: Moderator(s)

Epidemiology of Severe Sepsis: 2008–2012

Jeremy L. Stoller, MD; Laura Halpin, PhD; Brett Aplin, MD; Matthew J. Weis, MD; Claudiu Georgescu, MD; Munier M. Nazzal, MB, ChB, FACS. *University of Toledo Medical Center, OH*

DISCUSSANT: Moderator(s)

SF36 | 8:00 - 11:15 am

General Surgery II

Location: W185

TRACK: GEN

MODERATOR: Suresh Agarwal, MD, FACS, *Madison, WI*
CO-MODERATOR: Benjamin K. Poulose, MD, MPH, FACS, *Nashville, TN*

Mild Zinc Deficiency Impairs the Recovery Phase of Sepsis

Kristen T. Crowell, MD; Shannon L. Kelleher, PhD; David I. Soybel, MD, FACS; Charles H. Lang, PhD.

Pennsylvania State College of Medicine, Hershey

DISCUSSANT: Moderator(s)

Pharmacological Mobilization of Endogenous Stem Cells Increases Wound Tensile Strength and Reduces Scarring in Aged Mouse Model

Yingjun Xie; Frank Lay; Zhaoli Sun; Russell N. Wesson, MB, ChB; Qing Lin, MD, PhD; Ali Ahmed; Andrew M. Cameron, MD, FACS; Robert E. Montgomery, MD, FACS; John W. Harmon, MD, FACS. *Johns Hopkins University School of Medicine, Baltimore, MD*

DISCUSSANT: Moderator(s)

High-Density Free Fluid on Computed Tomography: A Predictor of Surgical Intervention in Patients with Adhesive Small Bowel Obstruction

Kazuhide Matsushima, MD; Kenji Inaba, MD, FACS; Ryan C. Dollbaum; Vincent Cheng; Moazzam Khan; Aaron M. Strumwasser, MD; Gregory A. Magee, MD; Sabrina Asturias, MD; Evren Dilektasli, MD; Demetrios Demetriades, MD, PhD, FACS. *University of Southern California, Los Angeles*

DISCUSSANT: Moderator(s)

The Effects of Body Mass Index on Complications and Mortality after Emergency Abdominal Operations: The Obesity Paradox

Evren Dilektasli, MD; Elizabeth R. Benjamin, MD, PhD, FACS; Tobias Haltmeier, MD; Elizabeth Beale, MD; Kenji Inaba, MD, FACS; Demetrios Demetriades, MD, PhD, FACS. *Los Angeles County/University of Southern California Medical Center Medical Center*

DISCUSSANT: Moderator(s)

Damage Control Laparotomy vs. Definitive Surgical Procedures in Non-Traumatic Secondary Peritonitis

Maria P. Garcia-Garcia, MD; Carlos A. Ordoñez, MD; Michael W. Parra, MD; Juan Carlos Puyana, MD, FACS; Alvaro I. Sanchez Ortiz, MD; Juan C. Saenz; Mónica Andrea Morales García; Juan P. Herrera-Escobar, MD; David A. Mejia, MD. *Paola A. Rodriguez-Ossa. Fundación Valle del Lili, Cali, Colombia*

DISCUSSANT: Moderator(s)

Global Gene Expression Change Induced by Major Thoracoabdominal Surgery

Casey J. Allen, MD; Anthony J. Griswold, PhD; Carl I. Schulman, MD, PhD, FACS; Jonathan P. Meizoso, MD; Xiomara D. Ruiz, MD; Robert M. Van Haren, MD, MSPH; Danny Sleeman, MD, FACS; Joe U. Levi, MD, FACS; Alan S. Livingstone, MD, FACS; Kenneth G. Proctor, PhD. *University of Miami, FL*

DISCUSSANT: Moderator(s)

Insulin-Treated Patients with Diabetes Mellitus Undergoing Emergency Abdominal Surgery Have Worse Outcomes than Patients Treated with Oral Agents

Tobias Haltmeier, MD; Elizabeth R. Benjamin, MD, PhD, FACS; Elizabeth Beale, MD; Kenji Inaba, MD, FACS; Demetrios Demetriades, MD, PhD, FACS. *Los Angeles*

Angeles County/University of Southern California Medical Center

DISCUSSANT: Moderator(s)

Enterocutaneous Fistulas: Outcomes after Definitive Repair—A Single-Center Study

Grace S. Hwang, MD; Mark H. Hanna, MD; Geoffrey C. Darby; Joseph C. Carmichael, MD, FACS; Alessio Pigazzi, MD, FACS; Michael J. Stamos, MD, FACS, FASCRS; Steven D. Mills, MD, FACS. *University of California Irvine, Orange*

DISCUSSANT: Moderator(s)

Patient-Reported Outcomes after Splenectomy in Patients with Symptomatic Splenomegaly

Ahmad Nourallah, MD; Julianne Bingener, MD, FACS; Pamela E. Skaran; Brittney Major; Thomas Witzig; Jeff A. Sloan, PhD. *Mayo Clinic, Rochester, MN*

DISCUSSANT: Moderator(s)

Patient Factors Influence Surgeon's Workload

Ahmad Nourallah, MD; Denny Yu, PhD; Julianne Bingener, MD, FACS; Susan Hallbeck, PhD; Cornelius A. Thiels, DO, MBA; Amro M. Abdelrahman, MB, BS. *Mayo Clinic, Rochester, MN*

DISCUSSANT: Moderator(s)

Does Socioeconomic Status Predict Outcomes after Cholecystectomy?

Vishnu Ambur, MD; Sharven Taghavi, MD, MPH; Sagar Kadakia, MD; Senthil Jayarajan, MD; John Gaughan, PhD; Lars O. Sjöholm, MD, FACS; Abhijit S. Pathak, MD, FACS; Thomas A. Santora, MD, FACS; Joseph F. Rappold, MD, FACS; Amy J. Goldberg, MD, FACS. *Temple University Hospital, Philadelphia, PA*

DISCUSSANT: Moderator(s)

SF37 | 8:00 - 11:15 am

Surgical Education IV

Location: W471A

TRACK: EDU

MODERATOR: E. Matthew Ritter, MD, FACS, *Bethesda, MD*
CO-MODERATOR: Jennifer N. Choi, MD, FACS, *Indianapolis, IN*

CO-MODERATOR: Rabih M. Salloum, MD, FACS, *Rochester, NY*

CO-MODERATOR: Daniel J. Vargo, MD, FACS, *Salt Lake City, UT*

Basic Science in Surgical Research: An Endangered Species?

Anna Aronova, MD; Vivian Goldfield; Brendan M. Finnerty, MD; Rasa Zarnegar, MD, FACS; Thomas J. Fahey III, MD, FACS. *Weill Cornell Medical College-New York Presbyterian Hospital, NY*

DISCUSSANT: Moderator(s)

Surgical Skill Competition at the American College of Surgeons Chapter Meetings to Increase Resident Attendance

Ali Ardestani, MD; Eric G. Sheu, MD, DPhil; Dmitry Nepomnayshy, MD, FACS; Terry L. Buchmiller, MD, FACS; Michael T. Jaklitsch, MD, FACS; Ali Tavakoli, MB, BS, FACS. *Brigham and Women's Hospital, Boston, MA*

DISCUSSANT: Moderator(s)

Clinical Anatomy Peer Education Program Augments Preclinical Anatomy and Improves First-Year Medical Student Interest in Anatomy Coursework

Charles E. Frank; Christopher G. Keith; John R. Pittman, MD; Ravi R. Rajani, MD, FACS. *Emory University School of Medicine, Atlanta, GA*

DISCUSSANT: Moderator(s)

iPad Tablet Use for General Surgery Residency: Education, Clinical Workflow, and Patient Communication

Feibi Zheng, MD; Stephanie Yi, MD; Beverly A. Shirkey, PhD; Carol Ashton, MD; Nelda Way, MD; Barbara L. Bass, MD, FACS. *Houston Methodist Hospital, TX*

DISCUSSANT: Moderator(s)

Predicting Surgical Skill Acquisition in Pre-Clinical Medical Students

Allison N. Martin, MD, MPH; Yinin Hu, MD; Ivy A. Le; Kendall D. Brooks; Adela Mahmutovic; Joanna Choi; Helen Kim; Sara K. Rasmussen, MD, PhD. *University of Virginia, Charlottesville*

DISCUSSANT: Moderator(s)

Efficacy of Didactic vs. Experiential Learning

Anju Saraswat, MD; Edward P. Dominguez, MD, FACS; William D. Watson II, MD, FACS; Jennifer Moreland, PhD; John O. Elliott, PhD, MPH; John A. Bach, MD, FACS. *Riverside Methodist Hospital, Columbus, OH*

DISCUSSANT: Moderator(s)

A Novel Secondary Task Enables the Quantification of Workload Differences between Traditional and Single-Incision Laparoscopic Surgery

Christopher Gardner; Mark W. Scerbo, PhD. *Carolinas Healthcare System, Charlotte, NC*

DISCUSSANT: Moderator(s)

The Improvement in Laparoscopic Task Learning Using Whole Body Video Monitoring and Feedback in a Laparoscopic Simulation Laboratory

Deepa Shah, MD; Daniel J. Torrent, MD; L. W. Nifong, MD; Danielle S. Walsh, MD, FACS, FAAP; Konstantinos Spaniolas, MD; Carl E. Haisch, MD, FACS. *East Carolina University Brody School of Medicine, Greenville, NC*

DISCUSSANT: Edward D. Auyang, MD, *Albuquerque, NM*

Visual Spatial Intelligence Is Not Predictive of Medical Student Residency Selection

Antonio N. Villamor III; Noel Joseph; Genna F. Hymowitz, PhD; Rachel B. Bloom; Maria S. Altieri, MD; Mark A. Talamini, MD, FACS; Dana A. Telem, MD, FACS; Aurora D. Pryor, MD, FACS. *Stony Brook University School of Medicine, NY*

DISCUSSANT: Moderator(s)

Accreditation Council for Graduate Medical Education Case Requirements for General Surgeons in Pediatric Surgery: Evaluation of Current Operative Volume on Resident Completion of Index Cases

Tina Thomas, MB, BS; Rishindra M. Reddy, MD, FACS; Tiffany Ballard, MD; William J. Pozehl; Amy Cohn, PhD; Peter F. Ehrlich, MD, FACS. *University of Michigan, C.S. Mott Children's Hospital, Ann Arbor*

DISCUSSANT: Bradley R. Davis, MD, FACS, FASCRS, *Cincinnati, OH*

Five-Year QE/CE Perfection: The Surgical Unicorn?

Brittany Bankhead-Kendall, MD; Gweniviere Capron, MD; Ernest L. Dunn, MD, FACS; Michael S. Truitt, MD, FACS. *Methodist Dallas Medical Center, TX; St. Joseph Mercy Oakland, Pontiac, MI*
 DISCUSSANT: Moderator(s)

Physician Assistant and Third-Year Medical Students' Perceptions of Teaching Surgical Faculty

Charles M. Maliska, MD; Jeanne E. Gillert, PhD; Guido M. Sclabas, MD, FACS; Kent Teague, PhD. *University of Oklahoma College of Medicine, Tulsa*
 DISCUSSANT: Matthew L. Moorman, MD, FACS, *Cincinnati, OH*

**SF38 | 8:00 - 11:15 am
Surgical Oncology II**

Location: W474A

TRACK: ONC

MODERATOR: Heather B. Neuman, MD, FACS, *Madison, WI*
 MODERATOR: Waddah B. Al-Refaie, MD, FACS, *Washington, DC*

Minimally Invasive Gastrectomy for Gastric Cancer: A National Perspective on Oncologic Outcomes and Overall Survival

Kenneth Leung, MD; Zhifei Sun, MD; Daniel P. Nussbaum, MD; Mohamed Adam, MD; Mathias Worni, MD, MHS; Dan G. Blazer III, MD, FACS. *Duke University Medical Center, Durham, NC*
 DISCUSSANT: Kaitlyn J. Kelly, MD, *La Jolla, CA*

Anastomotic Evaluation by Hemodynamics and Mucosal Degeneration of Gastric Tube after Esophagectomy Reconstruction

Katsunori Nishikawa, MD, FACS; Yujiro Tanaka, MD; Se Ryung Yamamoto; Fumiaki Yano, MD, FACS; Norio N. M. Mitsumori, MD; Katsuhiko Yanaga, MD, PhD, FACS. *Jikei University, Tokyo, Japan*
 DISCUSSANT: Shawn S. Groth, MD, *Pittsburgh, PA*

Standard Enoxaparin Doses for Thromboprophylaxis May Be Inadequate in Surgical Oncology Patients

Joel M. Baumgartner, MD; Shanna Block, PharmD; Todd W. Costantini, MD, FACS; Andrew M. Lowy, MD, FACS. *University of California, San Diego, La Jolla, CA*
 DISCUSSANT: Chukwuemeka Uzochukwu Ihemelandu, MD, *Mount Airy, NC*

Cancer Survivorship: Defining the Incidence of Incisional Hernia after Resection for Intraabdominal Malignancy

Rebecca B. Baucom, MD; Jenny Ousley; Joan L. Kaiser, RN; Gloria B. Beveridge; Sharon E. Phillips, MSPH; Richard A. Pierce, MD, PhD, FACS; Kenneth W. Sharp, MD, FACS; Michael D. Holzman, MD, MPH, FACS; William H. Nealon, MD, FACS; Benjamin K. Poulouse, MD, MPH, FACS. *Vanderbilt University Medical Center, Nashville, TN*
 DISCUSSANT: Parag Bhanot, MD, FACS, *Vienna, VA*

Do Survivors of Colorectal Cancer Need Continued Screening for Non-Colorectal Cancers?

Y. Nancy You, MD, MHSC, FACS; George J. Chang, MD, FACS; Christina E. Bailey, MD; Hop Tran Cao, MD; Amanda Cuddy; Brian Bednarski, MD; Barry W. Feig, MD, FACS; Sa Nguyen; Miguel A. Rodriguez-

Bigas, MD, FACS; John M. Skibber, MD, FACS. *University of Texas MD Anderson Cancer Center, Houston*
 DISCUSSANT: Heather Lynn Yeo, MD, *New York, NY*

Do Gastrointestinal Cancer Patients Want to Decide Where They Have Tests and Surgery? A Questionnaire Study of Provider Choice and Information Needs

Ben E. Byrne, MB, BChir; Omar Faiz; Ara W. Darzi, MB, BCh, FACS(Hon); Charles A. Vincent, PhD. *Imperial College London, U.K.; St Mark's Hospital, Harrow, U.K.; University of Oxford, U.K.*
 DISCUSSANT: Emily R. Winslow, MD, MSCI, FACS, *Madison, WI*

Trainee Level Effect on Laparoscopic and Open Colectomy Outcomes in Cancer Patients: Is It Time to Reassess Resident Involvement?

Lauren E. Trakimas, DO; Megan Sippey, MD; Konstantinos Spaniolas, MD; Mark Manwaring, MD, FACS; Kevin R. Kasten, MD. *Brody School of Medicine at East Carolina University, Greenville, NC*
 DISCUSSANT: Shima C. Fitzgibbons, MD, *Washington, DC*

Single Photon Emission Computed Tomography (SPECT) Compared with Conventional Planar Lymphoscintigraphy (LS) for Preoperative Sentinel Node Localization in Cutaneous Malignancies

Matthew Doepker, MD; Maki Yamamoto, MD; Matthew Applebaum; Nupur U. Patel, MD; Jaime Montilla-Soler; Ricardo J. Gonzalez, MD, FACS; Carl W. Cruse, MD, FACS; Amod Sarnaik, MD, FACS; Vernon K. Sondak, MD, FACS; Jonathan S. Zager, MD, FACS. *Moffitt Cancer Center, Tampa, FL*
 DISCUSSANT: Karyn B. Stitzenberg, MD, MPH, FACS, *Chapel Hill, NC*

Management and Oncologic Effect of Anastomotic Leak after Resection for Gastric and Esophageal Cancer

Andreas Andreou, MD; Ben Struecker; Johann Pratschke, MD, PhD, FACS; Matthias Biehl, MD. *Charité - Campus Virchow Klinikum, Berlin, Germany*
 DISCUSSANT: Ryan Macke, MD, *Madison, WI*

Is Shave Biopsy Oncologically Adequate in Evaluating Malignant Melanoma?

Sharon Stanley, MD; Irena Karanetz, MD; Mansoor H. Beg, MD, FACS. *North Shore University Hospital, Manhasset, NY*
 DISCUSSANT: Jonathan S. Zager, MD, FACS, *Tampa, FL*

Preoperative Gemcitabine Plus Nab-Paclitaxel Is a Safe and Effective Neoadjuvant Chemotherapy for Resectable Pancreatic Adenocarcinoma

Benedetto Ielpo; Emilio Vicente, MD, PhD; Yolanda Quijano, MD, PhD; Hipolito Duran; Eduardo Diaz; Isabel Fabra; Sergio Olivares; Riccardo R.C. Caruso, MD; Valentina V.F. Ferri; Antonio Ferronetti. *Sanchinarro University Hospital, Madrid, Spain*
 DISCUSSANT: Matthew H. G. Katz, MD, *Houston, TX*

Extended Preoperative Therapy for Patients with Locally Advanced or Borderline Resectable Pancreatic Cancer Produces Excellent Survival

Jennifer L. Williams, MD; Brian E. Kadera, MD; Andrew H. Nguyen, MD; V. Raman Muthusamy, MD; Rabindra Watson, MD; Alireza Sedarat, MD;

James S. Tomlinson, MD, PhD, FACS; O. Joe Hines, MD, FACS; Howard A. Reber, MD, FACS; Timothy R. Donahue, MD, FACS. *David Geffen School of Medicine at UCLA, Los Angeles, CA; Harbor-UCLA Medical Center, Torrance, CA*

DISCUSSANT: Adam C. Yopp, MD, Dallas, TX

Inhibition of Epithelial Ovarian Cancer (EOC)-Induced Microenvironment Can Restore Dendritic Cell (DC) Activation and Migration

Ramesh B. Batchu, PhD; Aamer M. Qazi, PhD; Oksana V. Gruzdyn; Jaskiran Kaur, MD; Ebrahim M. Mahmud; Donald W. Weaver, MD, FACS; Scott A. Gruber, MD, FACS. *John D. Dingell VA Medical Center, Wayne State University, Detroit, MI*

DISCUSSANT: Moderator(s)

SF39 | 9:45 - 11:15 am

Colon and Rectal Surgery III

Location: HMPCC Grant Park CD

TRACKS: CRS, ONC

MODERATOR: Scott R. Steele, MD, FACS, FASCRS, Fort Lewis, WA

Seasonal Variation in Diverticulitis: Evidence from Both Hemispheres

Joel T. Adler, MD, MPH; David C. Chang, PhD, MPH, MBA; Lillias H. Maguire, MD. *Massachusetts General Hospital, Brigham and Women's Hospital, Boston*

DISCUSSANT: Moderator(s)

Quality of Life in U.S. Veterans with Combat-Related Ostomies from Iraq and Afghanistan

Michael S. Clemens, MD; James K. Aden, PhD; Thomas A. Heafner, MD; J. Devin B. Watson, MD; Todd E. Rasmussen, MD, FACS; Sean C. Glasgow, MD, FACS, FASCRS. *San Antonio Military Medical Center, TX; U.S. Air Force Center for the Sustainment of Trauma, St. Louis, MO; U.S. Army Institute of Surgical Research, San Antonio, TX*

DISCUSSANT: Moderator(s)

Is There an Asian Ethnic Disparity in Outcomes following Colectomy for Diverticulitis?

Christine S. Choi, MD; Walter A. Koltun, MD, FACS, FASCRS; Christopher S. Hollenbeak, PhD. *Penn State Hershey Medical Center, PA*

DISCUSSANT: Moderator(s)

Predictors of Elective Surgery in Symptomatic Uncomplicated Diverticular Disease

Charlotte L. Kvasnovsky, MD, MPH; Savvas Papagrigoriadis, MD, FRCS. *King's College Hospital, London, U.K.; University of Maryland Medical Center, Baltimore*

DISCUSSANT: Moderator(s)

A Nationwide Evaluation of the Timing of Elective Colon Resection for Diverticulitis

Vlad V. Simianu, MD; Alessandro Fichera, MD, FACS; Amir L. Bastawrous, MD, MBA, FACS; Michael G. Florence, MD, FACS; Richard C. Thirlby, MD, FACS; David R. Flum, MD, MPH, FACS. *University of Washington, Swedish Medical Center, Virginia Mason Medical Center, Seattle*

DISCUSSANT: Moderator(s)

Impact of Pathologic Evidence of Active Inflammation after Elective Sigmoid Resections for Recurrent Uncomplicated Diverticulitis

Christine S. Choi, MD; Douglas D. May; Zachary A. Gregg, MD; Matthew Z. Wilson, MD; Sue Deiling; Lisa S. Poritz, MD, FACS; Evangelos Messaris, MD, PhD, FACS. *Penn State Hershey Medical Center, PA*

DISCUSSANT: Moderator(s)

SF40 | 9:45 - 11:15 am

Transplantation and Tissue Engineering II

Location: W470B

TRACK: BTR

MODERATOR: Dev M. Desai, MD, FACS, Dallas, TX

Significance of Measured Intraoperative Portal Vein Flows after Thrombectomy in Deceased Donor Liver Transplant Recipients with Portal Vein Thrombosis

Mark M. Draoua, MD; Giuliano Testa, MD, FACS; Peter T. W. Kim, MD, FACS; Michael Ramsay, MD, FRCA; Giovanna Saracino; Amar Gupta, MD; Hoylan Fernandez, MD, MPH; Goran B. Klintmalm, MD, FACS; Nicole Titze. *Baylor University Medical Center, Dallas, TX*

DISCUSSANT: Moderator(s)

Predictors of Mortality in the Critically Ill Cirrhotic: Is MELD Enough?

Alagappan Annamalai, MD; Megan Harada; Priyanka Tripuraneni; Tong Li; Bansuri Patel; Dorothy Yim; Eric Chen; Eric J. Ley, MD, FACS; Nicholas Nissen, MD, FACS. *Cedars-Sinai Medical Center, Los Angeles, CA*

DISCUSSANT: Moderator(s)

Autoimmune Liver Diseases Confer Increased Risk of Thrombotic Graft Failure

Vidyaratna A. Fleetwood, MD; Martin Hertl, MD, FACS; Edie Y. Chan, MD, FACS. *Rush University Medical Center, Chicago, IL*

DISCUSSANT: Moderator(s)

Timing of End-of-Life Decision Making in Patients Awaiting Transplantation

Alagappan Annamalai, MD; Megan Harada; Tong Li; Priyanka Tripuraneni; Bansuri Patel; Dorothy Yim; Eric Chen; Eric J. Ley, MD, FACS; Nicholas Nissen, MD, FACS. *Cedars-Sinai Medical Center, Los Angeles, CA*

DISCUSSANT: Moderator(s)

A Novel Classification of Hepatocellular Carcinoma Based on Combined Neutrophil and Platelet-to-Lymphocyte Ratio: Implications for Prognosis following Liver Transplantation

Zhe Yang, MD; Lin Zhou, PhD; Liming Wu, MD, PhD; Shusen Zheng. *First Affiliated Hospital, Zhejiang University, Hangzhou, China*

DISCUSSANT: Moderator(s)

Robotic Kidney Transplantation in Class III Obesity

Raquel Garcia-Roca, MD, FACS; Ivo Tzvetanov, MD, FACS; Sandra Garcia Aroz; Carlos Martinez Parra; Hoombae Jeon; Enrico Benedetti, MD, FACS; Jose Oberholzer, MD, FACS. *University of Illinois Hospital, Chicago*

DISCUSSANT: Moderator(s)

SF41 | 12:45 - 4:00 pm

General Surgery III

Location: W196BC

TRACK: GEN

MODERATOR: Soumitra R. Eachempati, MD, FACS, New York, NY

MODERATOR: S. Rob Todd, MD, FACS, New York, NY

Patient Willingness to Participate in a U.S. Randomized Controlled Trial for Nonoperative Management of Uncomplicated Appendicitis

Huan Yan; Steven L. Lee, MD, FACS; Anusha Krishnadasan, PhD; F. Charles Brunnicardi, MD, FACS; Daniel A. DeUgarte, MD, FACS; Namir Katkhouda, MD, FACS; Rick McPheeters, DO; Roee Salem; James X. Wu, MD; David A. Talan, MD. *Harbor-UCLA Medical Center, Torrance, CA; Olive View-UCLA Medical Center, Sylmar, CA; Ronald Reagan UCLA Medical Center*

DISCUSSANT: Moderator(s)

Complication Rates and Operative Times for Endoloop vs. Endoscopic Stapler Techniques for Laparoscopic Appendectomy

Laura M. Fluke, DO; Jennifer Ottino, DO; Gregory J. Zarow, PhD; Jenny Held, MD; Daniel C. Neubauer, MD; Travis M. Polk, MD, FACS; Christopher R. Oxner, MD. *Naval Medical Center Portsmouth, VA*

DISCUSSANT: Moderator(s)

The Safety and Cost Effectiveness of Same-Day Discharge vs. Overnight Stay in Laparoscopic Acute Non-Perforated Appendectomy

Andrew Scott, MD; Joshua D. Rouch, MD; Aaron J. Dawes, MD; Hussam K. El-Kashlan, MD; Armen Aboulian, MD. *Southern California Region Kaiser Permanente, Woodland Hills, CA; University of California Los Angeles*

DISCUSSANT: Moderator(s)

Single-Port Laparoscopic Appendectomy vs. Conventional Laparoscopic Appendectomy: Outcomes after Multicenter Randomized Control Trial

Guillermo Duza, MD; Mariano Palermo, MD, FACS; Elbert Khiangte; Mohammad Azfar, FACS, FRCSEd; Syed Amjad Ali Rizvi, FRCSEd; Nelson Trelles, MD; Luis A. Blanco, MD; Jose Menendez, MD; Leonardo Abramson, MD; Mohamed Sbair-Idrissi, MD. *Hospital Nacional Profesor Alejandro Posadas, Buenos Aires, Argentina; Parkijuli Christian Hospital, Parkijuli. Aligarh Hospital Assam and Aligarh India Poissy – Saint Germain Hospital, Poissy, France*

DISCUSSANT: Moderator(s)

Cost-Effective Decisions in Detecting Silent Common Bile Duct Gallstones during Laparoscopic Cholecystectomy

Susie X. Sun, MD; Afif N. Kulaylat, MD; Christopher S. Hollenbeak, PhD; David I. Soybel, MD, FACS. *Penn State Hershey Medical Center*

DISCUSSANT: Moderator(s)

Cholecystectomy Induces Progressive Gastric Mucosal Micro-Injury

Gary A. Bass, MB, BCh, MRCS; Syeda Nadia Shah S. Gilani, MD, MRCS; Michelle R. Downes, MB, BCh; Emer F. Caffrey, MB, BCh; Iqbal Tobbia, MD;

Thomas N. Walsh, MCh, MD, FRCSI. *Connolly Hospital, Dublin, Ireland*

DISCUSSANT: Moderator(s)

Single-Stage Management of Common Bile Duct Stones with Laparoscopic Common Duct Exploration and Cholecystectomy Is Safe and Cost-Effective in a Large Multihospital Health Care System

Daniel Gilsdorf, MD; Jacob L. Henrichsen; Katie Liljestrand, RN; Kristy Veale, RN, MSN; Allison Staheli, RN; Madison M. Hunt; Aaron Sherwood; Craig M. Gale; Erik G. Pearson, MB, BCh; Raymond R. Price, MD, FACS. *University of Utah Medical Center, Intermountain Health Care, Salt Lake City*

DISCUSSANT: Moderator(s)

Increasing the Safety of Cholecystectomy in the Rural Setting with Mandatory Intraoperative Cholangiogram

Melany C. Hughes, MD; Gregory T. Jarrin, MD, FACS; Brian A. Bucina, DO. *Little Colorado Medical Center, Winslow, AZ*

DISCUSSANT: Moderator(s)

Indocyanine Green Enhanced Fluorescence Colangiography in Laparoscopic Cholecystectomy: 100 Cases Experience

Luigi Boni, MD, FACS; Elisa Cassinotti, MD; Giulia David, MD; Alessandro Marzorati, MD; Abraham Fingerhut, MD, FACS, FRCPS(G), FRCSEd. *Minimally Invasive Surgery Center, Varese, Italy*

DISCUSSANT: Moderator(s)

Accuracy of Near-Infrared Fluorescent Cholangiogram in Laparoscopic Cholecystectomy for Symptomatic Cholelithiasis vs. Acute and Chronic Cholecystitis

Raul J. Rosenthal, MD, FACS; Fernando Dip, MD; David Nguyen, MD; Morris Sasson, MD; Maria Eugenia Szretter Noste; Emanuele Lo Menzo, MD, PhD, FACS; Conrad H. Simpfendorfer, MD, FACS; Samuel Szomstein, MD, FACS. *Cleveland Clinic Florida, Weston*

DISCUSSANT: Moderator(s)

Evaluation of Preoperative Factors That Predict Postoperative Outcomes in Cirrhotic Patients Undergoing Laparoscopic Cholecystectomy—An ACS NSQIP® Analysis

Raghunandan Venkat, MD, MPH; Felipe B. Maegawa, MD, FACS. *University of Arizona, Tucson*

DISCUSSANT: Moderator(s)

SF42 | 2:30 - 4:00 pm

Colon and Rectal Surgery IV

Location: W375C

TRACKS: CRS, ONC

MODERATOR: Mary R. Kwaan, MD, MPH, FACS, Minneapolis, MN

CO-MODERATOR: Larissa K. F. Temple, MD, FACS, New York, NY

A New Antimesenteric Functional End-to-End Handsewn (Kono-S) Anastomosis: Feasibility and Short-Term Outcomes in Crohn's Disease

Mukta K. Krane, MD, FACS; Lisa M. Cannon, MD; Marco E. Allaix, MD, PhD; Toru Kono, MD, PhD,

FACS; Alessandro Fichera, MD, FACS. *University of Chicago, IL; University of Washington, Seattle*
DISCUSSANT: Moderator(s)

Antibiotic Treatment Protects against Intestinal Inflammation in Peroxisome Proliferator-Activated Receptor γ Coactivator 1 α (PGC1 α) Deficient Mice in Experimental Colitis

Kellie Cunningham, MD; Elizabeth Novak, PhD; Garret Vincent; Kevin P. Mollen, MD, FACS; Sodhi Chinnder, PhD. *Children's Hospital of Pittsburgh of University of Pittsburgh Medical Center, University of Pittsburgh Medical Center, PA; Johns Hopkins Medicine, Baltimore, MD*
DISCUSSANT: Moderator(s)

Hydromorphone Exposure Exacerbates Inflammatory Bowel Disease in a Mouse Model

Rohini Khatri, MD; Umakant Sharma, PhD; Sabita Roy, PhD. *University of Minnesota, Minneapolis*
DISCUSSANT: Moderator(s)

The Role of Biologics in Crohn's Disease Patients with Colorectal Cancer

Leonardo C. Duraes, MD, PhD; David W. Dietz, MD, FACS; Luca Stocchi, MD, FACS; Feza H. Remzi, MD, FACS, FASCRS; Hermann P. Kessler, MD, PhD, FACS; Ian C. Lavery, MD, FACS. *Cleveland Clinic Foundation, OH*
DISCUSSANT: Moderator(s)

Staging of Urgent Surgical Intervention for Severe Acute Refractory IBD Colitis: Role of Rescue Ileostomy

Amy L. Lightner, MD; Christina Ha, MD; Terri E. Getzug, MD; Bennett Roth, MD; Daniel Hommes, MD, PhD; Jennifer M. Choi, MD; Jonathan Sack, MD, FACS. *University of California, Los Angeles*
DISCUSSANT: Moderator(s)

Fistula-Associated Anal Cancer in the Setting of Crohn's Disease

Joel J. Bauer, MD, FACS; Chaya Shwaartz, MD; Joseph E. Bornstein, MD; Juan Deliz; Matthew Sgouros; Daniel A. Popowich, MD, FACS; David B. Chessin, MD, FACS; Stephen R. Gorfine, MD, FACS. *Icahn School of Medicine at Mount Sinai, New York, NY*
DISCUSSANT: Moderator(s)

**SF43 | 2:30 - 5:45 pm
Endocrine Surgery**

Location: W175

TRACK: BTR

MODERATOR: Carmen S. Solorzano, MD, FACS, *Nashville, TN*

CO-MODERATOR: Tracy S. Wang, MD, MPH, FACS, *Milwaukee, WI*

Urinary Metabolomics Analyses Identify Novel Markers of Malignant Adrenocortical Neoplasms

Dhaval Patel, MD; Matthew Thompson, PhD; Soumen Manna, PhD; Kristopher Krausz; Lisa Zhang, PhD; Naris Nilubol, MD, FACS; Frank J. Gonzalez, PhD; Electron Kebebew, MD, FACS. *National Institutes of Health, Bethesda, MD*
DISCUSSANT: Timothy M. Pawlik, MD, MPH, PhD, FACS, *Baltimore, MD*

Is There a Minimum Case Volume of Thyroidectomies Associated with Superior Outcomes? An Analysis of 37,118 Cases in the U.S.

Mohamed Adam, MD; Samantha M. Thomas; Sanziana A. Roman, MD, FACS; Julie Ann Sosa, MD, FACS. *Duke University Medical Center, Durham, NC*
DISCUSSANT: Carrie C. Lubitz, MD, FACS, *Boston, MA*

Detection of Grade 2/3 Von Hippel-Lindau Associated Pancreatic Lesions by 18-FDG PET/CT Volumetric Parameters

Kei Satoh; William Dieckmann; Naris Nilubol, MD, FACS; Electron Kebebew, MD, FACS; Dhaval Patel, MD. *National Institutes of Health, Bethesda, MD*
DISCUSSANT: James R. Howe, MD, FACS, *Iowa City, IA*

Is Multifocality an Indicator of Aggressive Behavior in Small Bowel Neuroendocrine Tumors?

Jessica E. Maxwell, MD; Scott K. Sherman, MD; Thomas M. O'Dorisio, MD; Andrew M. Bellizzi, MD; James R. Howe, MD, FACS. *University of Iowa Carver College of Medicine, Iowa City*
DISCUSSANT: Brian R. Untch, *New York, NY*

Assessment of Morbidity and Mortality after Adrenalectomy Using a Modified Frailty Index—An ACS NSQIP® Analysis

Raghunandan Venkat, MD, MPH; Marlon A. Guerrero, MD, FACS. *University of Arizona, Tucson*
DISCUSSANT: Cord Sturgeon, MD, FACS, *Chicago, IL*

Technical Aspects of Immuno-Fluorescent Identification of Ghrelin Hormones-Producing Cells in the Stomach

Raul J. Rosenthal, MD, FACS; Fernando Dip, MD; Karla Munoz Caamano, MBA; Horatiu V. Vinerean, DVM; Adriana Yndart Arias; Narayanan Nair, MD; Ariel Ruiz; Madhavan Nair, PhD. *Cleveland Clinic Florida, Weston; Florida International University, Miami*

DISCUSSANT: Steven K. Libutti, MD, FACS, *Bronx, NY*

Metastatic Lymph Node Ratio in Papillary Thyroid Cancer Does Not Impact Survival

Paritosh Suman, MD; Richard A. Prinz, MD, FACS; Edward Wang, PhD; Tricia A. Moo-Young, MD, FACS. *NorthShore University HealthSystem, Evanston, IL*
DISCUSSANT: Sanziana A. Roman, MD, FACS, *New Haven, CT*

Targeting the SUMO Pathway as a Novel Treatment of Anaplastic Thyroid Cancer

James P. De Andrade, MD; Allison W. Lorenzen, MD; Maria V. Bogachek, PhD; Jung Park; Robert A. Robinson, MD, PhD; Geeta Lal, MD, FACS; Ronald J. Weigel, MD, PhD, FACS. *University of Iowa, Iowa City*
DISCUSSANT: Electron Kebebew, MD, FACS, *Bethesda, MD*

Comparison of Inpatient and Outpatient Thyroidectomy: A Multi-States Analysis

Zaid Al-Qurayshi, MB, ChB, MPH; Emad Kandil, MB, BCh, FACS. *Tulane University School of Medicine, New Orleans, LA*
DISCUSSANT: Tricia A. Moo-Young, MD, *Glenview, IL*

Identification of Tumorigenic Cells and Therapeutic Targets in Pancreatic Neuroendocrine Cancers

Geoffrey W. Krampitz, MD; Stephen B. Willingham, PhD; Jens P. Volkmer, MD; Kipp A. Weiskopf; Benson M. George; Julien Sage, PhD; Brendan C. Visser, MD, FACS; George A. Poultides, MD, FACS; Jeffrey A. Norton, MD, FACS; Irving L. Weissman, MD. *Stanford University School of Medicine, CA*

DISCUSSANT: Susan Tsai, MD, MHS, *Milwaukee, WI*

Rates and Patterns of Recurrence after Curative Resection of Adrenocortical Carcinoma: U.S Adrenocortical Carcinoma Group

Neda Amini, MD; George A. Poultides, MD, FACS; Kara M. Keplinger, MD; Carmen C. Solorzano, MD, FACS; Shishir K. Maithel, MD, FACS; Ryan C. Fields, MD, FACS; Konstantinos I. Votanopoulos, MD, PhD, FACS; Shady Gad, MD; Quan-Yang Duh, MD, FACS; Timothy M. Pawlik, MD, FACS. *The Johns Hopkins Hospital, Baltimore, MD*

DISCUSSANT: Raymon H. Grogan, MD, FACS, *Chicago, IL*

Impact of Complications on Long-Term Survival after Resection of Adrenocortical Carcinoma: U.S Adrenocortical Carcinoma Group

Neda Amini, MD; John E. Phay, MD, FACS; Adam C. Yopp, MD, FACS; Sharon M. Weber, MD, FACS; Colleen M. Kiernan, MD; Ioannis Hatzaras, MD, MPH; Tracy S. Wang, MD, MPH, FACS; Lauren M. Postlewait, MD; Thuy B. Tran, MD; Timothy M. Pawlik, MD, FACS. *The Johns Hopkins Hospital, Baltimore, MD*

DISCUSSANT: Barbra S. Miller, MD, FACS, *Ann Arbor, MI*

SF44 | 2:30 - 5:45 pm

Plastic and Maxillofacial Surgery II

Location: HMPCC Grant Park AB

TRACK: PLA

MODERATOR: Alex K. Wong, MD, FACS, *Los Angeles, CA*

Role of Antimicrobials in Cleft Palate Surgery: Prospective, Double Blind, Randomized, Placebo-Controlled Study

Alex Campbell, MD; Marisa Aznar, MD; Bjorn Schonmeyr, MD, PhD; Gaston Echaniz, MD; Lismore Nebeker. *Operation Smile, Virginia Beach, VA; Guwahati Comprehensive Cleft Care Center, India; Penn State Hershey*

DISCUSSANT: Moderator(s)

Improved Cleft Lip Outcomes at a Surgery Specialty Center in the Developing World

Alex Campbell, MD; Carolina Restrepo, MD; Bjorn Schonmeyr, MD, PhD; Lisa Wendby; Gaurav S. Deshpande, MDS; Hiteswar Sarma, MCh. *Operation Smile, Virginia Beach, VA; Guwahati Comprehensive Cleft Care Center, India; Penn State Medical Center, Hershey*

DISCUSSANT: Moderator(s)

Topical Tacrolimus for the Treatment of Lymphedema

Jason C. Gardenier, MD; Jeremy S. Torrisi; Ira L. Savetsky, MD; Gabriela D. García Nores, MD; Dawit K. Jowhar, PhD; Geoffrey E. Hespe; Matthew D. Nitti; Raghu P. Kataru, PhD; Babak J. Mehrara, MD,

FACS. *Memorial Sloan Kettering Cancer Center, New York, NY*

DISCUSSANT: Moderator(s)

Cell-Assisted Lipotransfer Enhances Fat Graft Retention in Irradiated Tissue

Anna Luan; Dominik Duscher, MD; Kevin Paik; Elizabeth R. Zielins, MD; Alexander Whittam; Elizabeth A. Brett; David Atashroo, MD; Geoffrey C. Gurtner, MD, FACS; Michael T. Longaker, MD, MBA, FACS; Derrick C. Wan, MD, FACS. *Stanford University School of Medicine, CA*

DISCUSSANT: Moderator(s)

Long-Term Clinical and Holistic Outcomes in Children with Cleft Lip and/or Palate: A Multidisciplinary, Mixed-Methods Approach

Alexander C. Allori, MD, MPH; Irene J. Pien; Danielle L. Sobol; Anna R. Carlson, MD; Stephanie Watkins, MD, MSPH; Arthur S. Aylsworth, MD; Robert E. Meyer, PhD; Luiz Pimenta, DDS, PhD; Ronald Strauss, DMD, PhD; Jeffrey R. Marcus, MD, FACS. *Duke University, Durham, North Carolina; University of North Carolina, Chapel Hill; Department of Health & Human Services, Raleigh*

DISCUSSANT: Moderator(s)

Combined Lymphedema and Capillary Malformation of the Lower Extremity

Reid A. Maclellan, MD; Gulraiz Chaudry, MD; Arin K. Greene, MD, FACS. *Boston Children's Hospital, Harvard Medical School, MA*

DISCUSSANT: Moderator(s)

Vascular Patterns on Preoperative Breast MRI Predict Ischemia and Necrosis following Nipple-Sparing Mastectomy

Irene J. Pien; Manisha Bahl, MD, MPH; Kate J. Burette, MD; Rachel A. Greenup, MD; Sujata V. Ghate, MD; Scott T. Hollenbeck, MD, FACS. *Duke University, Durham, NC*

DISCUSSANT: Moderator(s)

Rate of Thromboembolic Events in Patients Undergoing Abdominal Tissue-Based Breast Reconstruction Compared with Patients Undergoing Abdominoplasties/Panniculectomies: A National Data Analysis

Natalia Fullerton, MD; Jerry Du; Emma Vartanian; Jason A. Spector, MD, FACS; David M. Otterburn, MD. *New York Presbyterian Hospital, Weill Cornell Medical Center, NY*

DISCUSSANT: Moderator(s)

Combining Prophylactic Oophorectomy with Mastectomy Does Not Adversely Affect Surgical Outcomes: Results from the ACS NSQIP® Database

Jared Blau; Charlotte Gamble, MD; Rachel A. Anolik, MD; Laura Havrilesky, MD; Rachel A. Greenup, MD; Scott T. Hollenbeck, MD, FACS. *Duke University Medical Center, Durham, NC*

DISCUSSANT: Moderator(s)

Preoperative CT Angiography in Autologous Breast Reconstruction

Christina R. Vargas, MD; Pieter G. Koolen, MD; Adam M. Tobias, MD; Sam J. Lin, MD, FACS; Bernard T. Lee, MD, MBA, MPH, FACS. *Beth Israel Deaconess Medical Center, Boston, MA*

DISCUSSANT: Moderator(s)

Novel Nasal Stent Fixation Technique without Sutures or Adhesives Reduces Risk of Sutured Nasal Stent Complications, with Similar Nasal Symmetry Outcomes

Adnan S. Hussaini; Deborah Watters, RN; Alexander Y. Lin, MD, FACS. *St. Louis University School of Medicine, MO*

DISCUSSANT: Moderator(s)

SF45 | 2:30 - 5:45 pm

Quality, Safety, and Outcomes IV

Location: W474A

TRACK: HP

MODERATOR: Amir A. Ghaferi, MD, FACS, *Ann Arbor, MI*

Determining the Drivers of Academic Success in Surgery: An Analysis of 3,850 Faculty

Nakul Valsangkar, MD; Teresa A. Zimmers, PhD; Bradford J. Kim, MD; Casi Blanton; Mugdha M. Joshi, MD; Teresa M. Bell, PhD; Attila Nakeeb, MD, FACS; Gary L. Dunnington, MD, FACS; Leonidas G. Koniaris, MD, MBA, FACS. *Indiana University, Purdue University, Indianapolis*

DISCUSSANT: Moderator(s)

Social Media Can Be Used as a Qualitative Research Tool in Surgical Patient-Centered Outcomes Research

David T. Cooke, MD, FACS; Howard West, MD; Laronica Conway; Janet Freeman-Daily; Deana Hendrickson; Elizabeth A. David, MD, FACS; Debora Paterniti, PhD. *#LCSM Chat: Lung Cancer Social Media, University of California-Davis Medical Center, Sacramento, CA; Swedish Cancer Institute, Seattle, WA*

DISCUSSANT: Moderator(s)

Is Provider Specialty Follow-Up Predictive of Adherence to Recommendations for Imaging Surveillance following Lung Resection?

Leah M. Backhus, MD, FACS; Farhood Farjah, MD; Thomas K. Varghese, Jr., MD, FACS; Aaron Cheng, MD; Hao He, PhD; David R. Flum, MD, MPH, FACS; David Au, MD; Larry Kessler; Steven Zeliadt, PhD. *University of Washington, Seattle*

DISCUSSANT: Moderator(s)

Discharge Decision Making after Complex Surgery: Surgeon Behaviors Compared to Predictive Modeling to Reduce Surgical Readmissions

Ira L. Leeds, MD; Vjollca Sadiraj, PhD; James C. Cox, PhD; Sherry X. Gao; Timothy M. Pawlik, MD, FACS; Kurt E. Schnier, PhD; John F. Sweeney, MD, FACS. *Emory University School of Medicine, Georgia State University, Atlanta; The Johns Hopkins Hospital, Baltimore, MD*

DISCUSSANT: Moderator(s)

Examining the Severity of Postoperative Complications from the Perspective of the Patient

Emily Winslow, MD, FACS; Alexander Siy; Linda Cherney Stafford, MPH; Ryan K. Schmock, MD; Glenn E. Levenson, PhD. *University of Wisconsin, Madison*

DISCUSSANT: Moderator(s)

Significant Variation in Surgical Supply Cost Secondary to Surgeon Preference for Laparoscopic Cholecystectomy

Michelle C. Nguyen, MD; Matthew J. Luzum, MD; David B. Renton, MD, FACS; Gary S. Phillips; Susan D. Moffatt-Bruce, MD, PhD, FACS. *The Ohio State University Wexner Medical Center, Columbus*

DISCUSSANT: Moderator(s)

Thousands of Physicians in a 22-Hospital Integrated Health Care System Changed Their Blood Transfusion Practices When They Were Regularly Given Their Own Transfusion Practice Data and When They Were Educated on Best Practice Guidelines

Mark J. Ott, MD, FACS; Matthew Peters, RN; Craig M. Gale; Jaden D. Evans, MD; Griffin H. Olsen; Griffin Bullock; Karl Jensen; Jacob L. Henrichsen; Jeannette Prochazka, MSN; Keith Robins, RN. *Intermountain Healthcare, Salt Lake City, UT*

DISCUSSANT: Moderator(s)

Sterile Fields Sharps Injuries in the Operating Room of an Academic Tertiary Care Center

Naveen F. Sangji, MD, MPH; Sandra Silvestri, RN; Evelyn Abayaah; David C. Chang, PhD, MBA, MPH; Matthew M. Hutter, MD, MPH, FACS; Catherine O'Malley, RN, MSN. *Massachusetts General Hospital, Boston*

DISCUSSANT: Moderator(s)

Surgical Risks Associated with Winter Sport Tourism

Stéphane Sanchez, MD, MPH; Cécile Payet, MPH; Jean Christophe Lifante; Matthew J. Carty, MD; Antoine Duclos, MD, PhD. *Hospices Civils de Lyon, Lyon, France; Center for Surgery and Public Health, Boston, MA*

DISCUSSANT: Moderator(s)

ACS NSQIP® Surgical Risk Calculator and Frailty in Emergency General Surgery: A Measure of Surgical Resilience

Moutam Sadoum, MD; Bardiya Zangbar, MD; Peter M. Rhee, MD, FACS; Narong Kulvatunyou, MD, FACS; Mazhar Khalil, MD; Terence O'Keeffe, MB, ChB, FACS; Andrew L. Tang, MD, FACS; Rifat Latifi, MD, FACS; Randall S. Frieze, MD, FACS; Bellal Joseph, MD, FACS. *University of Arizona, Tucson*

DISCUSSANT: Moderator(s)

Integrating ACS NSQIP® Data into M&M Discussion Can Influence Surgeon Behavior

Lori A. Gurien, MD, MPH; Jin H. Ra, MD, FACS; Jhun deVilla, MD; Joseph J. Tepas III, MD, FACS. *University of Florida College of Medicine, Jacksonville, University of Florida Health Jacksonville*

DISCUSSANT: Moderator(s)

How Should Surgical Residents Be Educated about Patient Safety in the Operating Room? A Pilot Randomized Trial

Luke R. Putnam, MD; Dean H. Pham, MPH; Jason M. Etchegaray, PhD; Tiffany G. Ostovar-Kermani, MD, MPH; Madelene Ottosen, RN, MSN; Eric J. Thomas, MD, MPH; Lillian S. Kao, MD, FACS; Kevin P. Lally, MD, FACS; KuoJen Tsao, MD, FACS. *University of Texas Health Science Center, Houston*

DISCUSSANT: Moderator(s)



SF46 | 2:30 - 5:45 pm

Vascular Surgery II

Location: W474B

TRACK: VAS

MODERATOR: Rajabrata Sarkar, MD, PhD, FACS, *Baltimore, MD*CO-MODERATOR: Shipra Arya, MD, *Atlanta, GA***Extended Treatment with Chloroquine, an Inhibitor of Autophagy, Disrupts Angiogenic Drive in Muscle Following Arterial Litigation without Detrimental Effects on Muscle Inflammation and Regeneration**Jun Xu, MD; Xiangdong Cui, MD; Ting Yu Wang; Ulka Sachdev, MD, FACS. *University of Pittsburgh, PA*DISCUSSANT: Christopher L. Skelly, MD, FACS, *Chicago, IL***Survival after Acute Type B Aortic Dissection: A Single-Center Experience**Farah H.A. Mohammad, MB, BS; Loay Kabbani, MD; Efsthios Karamanos, MD; Alexander D. Shepard, MD, FACS. *Henry Ford Hospital, Detroit, MI*DISCUSSANT: Matthew A. Corriere, MD, FACS, *Winston-Salem, NC***Blocking BET Bromodomains Mitigates Intimal Hyperplasia in Rat Carotid Arteries—Role of Epigenetic Reader in Vascular Disease**Mengxue Zhang, MD; Bowen Wang; Toshio Takayama, MD, PhD; Xudong Shi, MD, PhD; Drew Al Roenneburg; K. Craig Kent, MD, FACS; Lian-Wang Guo, PhD. *Wisconsin Institute for Medical Research, University of Wisconsin School of Medicine and Public Health, Madison*DISCUSSANT: Kathleen G. Raman, MD, FACS, *St. Louis, MO***Preoperative Antiplatelet and Statin Therapy Are Underutilized in Critical Limb Ischemia Patients and Lowers the Risk of Postoperative Amputation and Graft Failure**Benjamin J. Flink, MD; Tatiana Chadid, MD; Chandler A. Long, MD; Luke P. Brewster, MD, PhD; Yazan Duwayri, MD, FACS; Ravi R. Rajani, MD, FACS; Peter W. Wilson, MD, PhD; Shipra Arya, MD, MPH. *Emory University, Atlanta, GA*DISCUSSANT: Nicholas H. Osborne, MD, MS, *Ann Arbor, MI***Carbon Monoxide-Mediated Vasoprotection Involves Vagal Nerve Signaling**Andrew E. Leake, MD; Ghee R. Lee; Ankur Aggarwal, MD; Brian S. Zuckerbraun, MD, FACS; Edith Tzeng, MD, FACS. *University of Pittsburgh Medical Center, VA Pittsburgh Healthcare System, PA*DISCUSSANT: Melina R. Kibbe, MD, FACS, *Chicago, IL***Repair of Lower Extremity Arterial Injuries: A Race against Time**Abdul Q. Alarhayem, MD; Brian J. Eastridge, MD, FACS; John G. Myers, MD, FACS; Nathan S. Rubalcava, MD; Stephen M. Cohn, MD, FACS. *University of Texas Health Science Center, San Antonio*DISCUSSANT: Robert S. Crawford, *Boston, MA***Deletion of Newly Described Molecule, Pellino1 Aggravates Blood Perfusion, Neovascularization and Exerts Increased Tissue Fibrosis in a Murine Model of Hind-Limb Ischemia**Muhammad T. Rishi, MD; Inam A. Shaikh, MD; Vaithinathan Selvaraju, PhD; David W. McFadden, MD, FACS; J. Alexander Palesty, MD, FACS; Nilanjana Maulik, PhD, FAHA. *University of Connecticut Health, Farmington*DISCUSSANT: Chandu Vemuri, MD, *St. Louis, MO***Patient Co-Morbidities Correlate with Anatomic Complexity in Patients Undergoing Aortic Aneurysm Repair**Khurram Rasheed; Michael C. Stoner, MD, FACS; Adam J. Doyle, MD; Matthew J. Seaman. *University of Rochester Medical Center, NY*DISCUSSANT: Jason M. Johanning, MD, FACS, *Omaha, NE***TGF- β /Smad3 Stimulates CD34 Expression, MAPK Activation, and Vascular Smooth Muscle Cell Proliferation**Xudong Shi, MD, PhD; Katie Wang; Liang-Wang Guo, PhD; Bowen Wang; Mengxue Zhang, MD; Mirnal A. Chaudhary, MD; Sarah Franco; Yichen Zhu; K. Craig Kent, MD, FACS. *University of Wisconsin, Madison*DISCUSSANT: Ulka Sachdev, MD, FACS, *Pittsburgh, PA***Racial Disparities after Vascular Trauma Are Age-Dependent**Caitlin W. Hicks, MD; Joseph K. Canner, MHS; Devin S. Zarkowsky, MD; Eric B. Schneider, PhD; Isibor Arhuidese, MD, MPH; Tammam Obeid, MD; Umair Qazi, MD, MPH; Christopher J. Abularrage, MD, FACS; Mahmoud Malas, MD, MHS, FACS. *Johns Hopkins Medical Institutes, Baltimore, MD*DISCUSSANT: Misty D. Humphries, MD, *Sacramento, CA***Antibiotic-Bonded Graft Patency in the Setting of a Polymicrobial Infection in Swine (*Sus scrofa*)**Mamie C. Stull, MD; Michael S. Clemens, MD; Thomas A. Heafner, MD; James D. Ross, PhD; Zachary M. Arthurs, MD; Brandon W. Propper, MD. *San Antonio Military Medical Center, Fort Sam Houston, TX; 59th Medical Wing Wilford Hall Ambulatory Surgical Center, Lackland AFB, TX*DISCUSSANT: Benjamin M. Jackson, MD, FACS, *Philadelphia, PA***Wound Infections after Percutaneous vs. Open Femoral Exposure for Endovascular Aortic Aneurysm Repair**Prateek K. Gupta, MD; K. Craig Kent, MD, FACS. *University of Wisconsin, Madison; University of Tennessee Health Science Center, Memphis*DISCUSSANT: Ravi Rajani, MD, *Atlanta, GA***Thursday, October 8**

SF47 | 8:00 - 9:30 am

Plastic and Maxillofacial Surgery III

Location: W471A

TRACK: PLA

MODERATOR: Arin K. Greene, MD, FACS, *Boston, MA*

Hydrocellular Foam Is a Cost-Effective Dressing for Preventing Pressure Ulcers—A Randomized Control Study

Ihab Saab, MD; Jane F. Solomon, RN; Latoya Allen; Aamir Siddiqui, MD, FACS. *Henry Ford Hospital, Detroit, MI*

DISCUSSANT: Moderator(s)

Combining CTA Mapping with CAD/CAM Planning for Free Fibula Flap Reconstruction of Mandibulectomy Defects

Noopur Gangopadhyay, MD; Mark T. Villa, MD, FACS; Edward I. Chang, MD; Jesse C. Selber, MD, FACS; Jun Liu, MD, PhD; Patrick B. Garvey, MD, FACS. *University of Texas MD Anderson Cancer Center, Houston*

DISCUSSANT: Moderator(s)

Abdominoplasty: Can ASA Classification Help Determine When It Is Safe to Say No?

Olatomide Familusi; Joseph H. Shin, MD; Matthew E. Doscher, MD; Oscar Manrique, MD; Teresa Benacquista, MD, FACS. *Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, NY*

DISCUSSANT: Moderator(s)

Levels of Evidence in Plastic Surgery—Trends and Comparison with Five Other Surgical Specialties

Katharine Whitehurst; Riaz A. Agha, MB, BS, MRCS, FRSPH; Mariana Devesa; Alexander Fowler; Robert Coe, MB, BS; Georgina Wellstead; Dennis P. Orgill, MD, FACS; Peter McCulloch. *University of Oxford, U.K.*

DISCUSSANT: Moderator(s)

A Critical Analysis of Peripheral Nerve Regeneration in a Chronic Denervation Rat Model Using a Sustained Biomaterial-Based Delivery of GDNF, Chondroitinase, and Glial Cell Derived Neurotrophic Factor+Chondroitinase Growth Factors

Karim A. Sarhane, MD; Sami H. Tuffaha, MD; Kellin Krick; Christopher R. Cashman; Russell A. Martin; James Abraham; Zuhair Ibrahim, MD; W.P. Andrew Lee, MD, FACS; Hai-Quan Mao, PhD; Gerald Brandacher, MD. *Johns Hopkins University, Baltimore, MD*

DISCUSSANT: Moderator(s)

Panniculectomy with Open Ventral Hernia Repair: A Prospective, Randomized (by Insurance) Study

Ciara Huntington, MD; Catherine E. Jachthuber; Tiffany C. Cox, MD; Laurel J. Blair, MD; Stanley B. Getz, Jr., MD, FACS; Vedra A. Augenstein, MD, FACS; B. Todd Heniford, MD, FACS. *Carolinas Medical Center, Charlotte, NC*

DISCUSSANT: Moderator(s)

SF48 | 8:00 - 9:30 am Surgical Education V

Location: W196BC

TRACK: EDU

MODERATOR: Bradford G. Scott, MD, FACS, *Houston, TX*
CO-MODERATOR: Chadi T. Aboussaly, MD, FACS, *Washington, DC*

Examining the Feasibility and Predictive Validity of the SAGAT Tool to Assess Situational Awareness among Surgical Trainees

Aimee K. Gardner, PhD; Matthew Kosemund; Joseph Martinez, MD. *University of Texas Southwestern Medical Center, Dallas*

DISCUSSANT: Mary K. Kimbrough, MD, FACS, *Little Rock, AR*

Proficiency of Novice Laparoscopic Surgeons

Ebbe Thinggaard; Flemming Bjerrum, MD; Jeanett J.S. Strandbygaard, MD, PhD; Prof. Ismail Gögenur; Lars Konge, MD, PhD. *Center for Clinical Education, Capital Region, Denmark, Copenhagen Denmark Koege and Roskilde Hospital, Zealand Region, Denmark, Koege Denmark Juliane Marie Centre, Rigshospitalet, Denmark, Copenhagen, Denmark*

DISCUSSANT: Scott Q. Nguyen, MD, FACS, *New York, NY*

A Consensus-Based Training and Assessment Framework for General Surgery

Peter Szasz, MD; Marisa Louridas, MD; Sandra L. de Montbrun, MD; Kenneth A. Harris, MD, FACS, FRCS; Teodor P. Grantcharov, MD, FACS. *University of Toronto, ON; Royal College of Physicians and Surgeons of Canada, Ottawa, ON*

DISCUSSANT: Jitesh A. Patel, MD, *Marana, AZ*

A Regional Quality Improvement Initiative for Surgical Training

Pritam Singh, MB, BS; Rajesh Aggarwal, MB, BS, PhD, FRCS; Tim Allen-Mersh, MB, ChB, MD, FRCS; Ara W. Darzi, MB, BCh, FACS(Hon). *Imperial College London, U.K.*

DISCUSSANT: John M. Davis, MD, FACS, *Myrtle Beach, SC*

SF49 | 8:00 - 11:15 am

Colon and Rectal Surgery V

Location: W193

TRACK: CRS

MODERATOR: Neil H. Hyman, MD, FACS, *Chicago, IL*

Excellence in Research Award recipient presenting:
Mark H. Hanna, MD, *Orange, CA*

Patients' Recollection of Colonoscopy Results: Are They Reliable?

Mark Tarakji, MD; Mohammad Al-Raishouni, MD; Amer Alame, MD; Richard N. Berri, MD, FACS. *St John Hospital and Medical Center, Detroit, MI*

DISCUSSANT: Moderator(s)

Randomized Clinical Trial Comparing Epidural to Conventional Analgesia after Minimally Invasive Colorectal Surgery

Mark H. Hanna, MD; Mehran D. Jafari, MD; Fariba Jafari; Michael J. Phelan, PhD; Joseph Rinehart, MD; Coral Sun, MD; Joseph C. Carmichael, MD, FACS; Steven D. Mills, MD, FACS; Michael J. Stamos, MD, FACS, FASCRS; Alessio Pigazzi, MD, FACS. *University of California, Irvine*

DISCUSSANT: Moderator(s)

Alvimopan Use, Outcomes, and Costs: A Report from the SCOAP-CERTAIN Collaborative

Anne E. Pugel, MD; Vlad V. Simianu, MD; Amir L. Bastawrous, MD, MBA, FACS; Richard P. Billingham, MD; Alessandro Fichera, MD, FACS; Michael G. Florence, MD, FACS; Raman Menon, MD; Richard C. Thirlby, MD, FACS; Farhood Farjah, MD; David R. Flum, MD, MPH, FACS. *University of Washington, Swedish Medical Center, Virginia Mason Medical Center, Seattle*

DISCUSSANT: Moderator(s)

Racial Disparities in Readmissions after Colorectal Surgery Persist Despite Adjustment for Differences in Social Determinants of Health

Daniel I. Chu, MD; Allison A. Gullick, MSPH; Melanie S. Morris, MD, FACS; Aerin J. DeRussy, MPH; Mary T. Hawn, MD, MPH, FACS. *University of Alabama, Birmingham*

DISCUSSANT: Moderator(s)

Readmission after Enhanced Recovery in Colorectal Patients

Anne B. Chin, MD; Daniel J. Galante, DO; Deborah B. Hobson, RN; Jonathan E. Efron, MD, FACS; Susan L. Gearhart, MD, FACS; Bashar Safar, MD, FACS; Sandy H. Fang, MD, FACS; Christopher Wu, MD, PhD; Elizabeth C. Wick, MD, FACS. *Johns Hopkins University School of Medicine, Baltimore, MD*

DISCUSSANT: Moderator(s)

Outcomes Associated with Resident Participation in Laparoscopic Colorectal Surgery: Assessing the "Resident Effect"

Grace S. Hwang, MD; Zhubin Moghadamyeghaneh, MD; Michael J. Phelan, PhD; Steven Mil, MD; Alessio Pigazzi, MD, FACS; Michael J. Stamos, MD, FACS, FASCRS; Joseph C. Carmichael, MD, FACS; Mark H. Hanna, MD. *University of California, Irvine*

DISCUSSANT: Moderator(s)

Diagnostic Accuracy of Inflammatory Markers as Early Predictors of Infection after Elective Colorectal Surgery: Results from the IMACORS Study

Pablo Ortega-Deballon, MD, PhD; Olivier Facy, MD, PhD; Brice Paquette, MD; David Orry, MD; Christine Binquet; Patrick Rat, MD. *University Hospital of Dijon, France; University Hospital of Besançon, France; Georges-François Leclerc Anticancer Center, Dijon, France*

DISCUSSANT: Moderator(s)

Transanal Minimally Invasive Surgery—Review of Indications and Outcomes in a Large Series

Deborah S. Keller, MD; Reena N. Tahirramani, MD; Juan R. Flores Gonzalez, MD; Jaideep S. Sandhu, MB, BS; Eric M. Haas, MD, FACS, FASCRS. *Colorectal Surgical Associates, Houston, TX*

DISCUSSANT: Moderator(s)

Single-Incision Laparoscopic Colorectal Surgery: Lessons Learned over 500 Operations

Erman Aytac; Ryan S. Williams, MD; I. Emre Gorgun, MD, FACS; Hermann P. Kessler, MD, PhD, FACS; Luca Stocchi, MD, FACS; Feza H. Remzi, MD, FACS, FASCRS; Meagan M. Costedio, MD, FACS. *Cleveland Clinic, OH*

DISCUSSANT: Moderator(s)

To What Extent Is Surgical Performance Influenced by Obesity in Single-Site Laparoscopic Colon and Rectal Surgery?

Kristen T. Crowell, MD; Joshua S. Winder, MD; Matthew Z. Wilson, MD; David B. Stewart, MD, FACS, FASCRS; Evangelos Messaris, MD, PhD, FACS. *Penn State University College of Medicine, Hershey*

DISCUSSANT: Moderator(s)

Combined Endo-Laparoscopic Surgery Is Significantly Less Costly than Traditional Surgery

Sameer Sharma, MD; Jia Xing; Kentaro Nakajima, MD; Jeffrey Milsom, MD, FACS. *Weill Cornell Medical College, New York, NY*

DISCUSSANT: Moderator(s)

Carbon Dioxide vs. Air Insufflation for Colonoscopy: A Meta-Analysis and Systemic Review of Randomized Controlled Trials

Muhammed A. Memon, MB, BS, FRACS, FRCSI, FRCSEd, FRCSEng; Breda Memon, RN; Rossita M. Yunus, PhD; Shahjahan Khan, PhD. *South East Queensland Surgery and Sunnybank Obesity Centre, Sunnybank, Australia*

DISCUSSANT: Moderator(s)

SF50 | 8:00 - 11:15 am

General Surgery IV

Location: W192

TRACK: GEN

MODERATOR: Matthew M. Hutter, MD, MPH, FACS, *Boston, MA*

CO-MODERATOR: George D. Kennedy, MD, PhD, FACS, *Madison, WI*

CeDAR: Carolinas Equation for Determining Associated Risks

Vedra A. Augenstein, MD, FACS; Paul D. Colavita, MD; Blair A. Wormer, MD; Amanda L. Walters; Joel F. Bradley, MD; Amy E. Lincourt, PhD, MBA; James Horton; B. Todd Heniford, MD, FACS. *Carolinas Medical Center, Charlotte, NC*

DISCUSSANT: Moderator(s)

Is Elevated Preoperative Glycosylated Hemoglobin Associated with Postoperative Infections?

Joseph M. Blankush; Aron Y. Soleiman; Trung L. Tran, MD; I. Michael Leitman, MD, FACS. *Icahn School of Medicine at Mount Sinai, New York, NY*

DISCUSSANT: Moderator(s)

Liposomal Bupivacaine Reduces Narcotic Use and Time to Flatus in Patients Undergoing Laparotomy

Atuhani S. Burnett, MD, PhD; Brian Faley, PharmD.; Donald A. McCain, MD, PhD, FACS; Themba L. Nyirenda, PhD; Zubin M. Bamboat, MD. *Hackensack University Medical Center, NJ*

DISCUSSANT: Moderator(s)

Benefits of Multimodal Enhanced Recovery Pathway (ERP) in Patients Undergoing Major Open Abdominal Wall Reconstructions

Mojtaba Fayeziadeh, MD; Arnab Majumder, MD; Clayton C. Petro, MD; Ajita S. Prabhu, MD; Heidi L. Elliott, MD; Yuri W. Novitsky, MD, FACS. *University Hospitals Case Medical Center, Cleveland, OH*

DISCUSSANT: Moderator(s)

Partitioning Length of Stay to Understand Readmission Risk: Survival Analysis in the ACS NSQIP® Database Quality Improvement Program (ACS NSQIP®) Database

Cheryl K. Zogg, MSPH, MHS; Timothy M. Pawlik, MD, FACS; Thomas C. Tsai, MD, MPH; John A. Rose, MD, MPH; John W. Scott, MD, MPH; Adil H. Haider, MD, MPH, FACS. *Center for Surgery and Public Health: Brigham and Women's Hospital, Harvard School of Medicine, Harvard School of Public Health, Boston, MA; The Johns Hopkins University School of Medicine, Baltimore, MD*

DISCUSSANT: Moderator(s)

Congestive Heart Failure Increases Risks of Serious Morbidity, Reoperation, Readmission, and Mortality for a Wide Array of Non-Cardiac Operations

R. Scott Jones, MD, FACS; Florence E. Turrentine, PhD, RN; Min-Woong Sohn, PhD. *University of Virginia Health System, Charlottesville*

DISCUSSANT: Moderator(s)

Readmission Causes following Laparoscopic and Open Ventral Hernia Repair: Opportunities for Action

Adam C. Celio, MD; Konstantinos Spaniolas, MD; Kevin R. Kasten, MD; Walter E. Pofahl II, MD, FACS; Walter J. Pories, MD, FACS; William H. Chapman, MD, FACS. *East Carolina University Brody School of Medicine, Greenville, NC*

DISCUSSANT: Moderator(s)

Discharge Destination after High-Risk Surgery: Impact on Readmission and Mortality

Mark H. Hanna, MD; Mehraneh D. Jafari, MD; Zho-bin Moghadamyeghaneh, MD; Michael J. Phelan, PhD; Joseph C. Carmichael, MD, FACS; Steven D. Mills, MD, FACS; David K. Imagawa, MD, PhD, FACS; Alessio Pigazzi, MD, FACS; Michael J. Stamos, MD, FACS, FASCRS. *University of California, Irvine*

DISCUSSANT: Moderator(s)

Unplanned Return to the Operating Room: An Institutional Analysis to Identify Areas for Improvement

Yihan Lin, MD; Robert A. Meguid, MD, MPH, FACS; William G. Henderson, MPH, PhD; Karl Hammermeister, MD; Trevor T. Wild, MD; Murray D. Spruiell, MD; Steven Quattlebaum; Ryan C. Shelstad, MD; Zach Folzenlogen, MD; Robert C. McIntyre, Jr., MD, FACS. *University of Colorado Hospital, Aurora*

DISCUSSANT: Moderator(s)

Never Events and Hospital-Acquired Conditions after Surgery: Lessons from the ACS NSQIP® Database

Mark H. Hanna, MD; Zho-bin Moghadamyeghaneh, MD; Grace S. Hwang, MD; Mehraneh D. Jafari, MD; Joseph C. Carmichael, MD, FACS; Steven D. Mills, MD, FACS; David K. Imagawa, MD, PhD, FACS; Michael J. Stamos, MD, FACS, FASCRS; Alessio Pigazzi, MD, FACS. *University of California, Irvine*

DISCUSSANT: Moderator(s)

SF51 | 8:00 - 11:15 am
Quality, Safety, and Outcomes V
Location: W474B

TRACK: HP

MODERATOR: Elliott R. Haut, MD, FACS, *Baltimore, MD*
CO-MODERATOR: Amit K. Mathur, MD, *Phoenix, AZ*

Gastrointestinal and Urinary Events: Key Deviation Drivers from an Uncomplicated Radical Prostatectomy Recovery Pathway

Stacie N. Myers; James M. Dupree, MD, MPH; Rodney L. Dunn; Yuqing Gao; Susan M. Linsell, MHSA; Brian R. Lane, MD, PhD, FACS; Khurshid R. Ghani, MD; David C. Miller, MD, MPH; James E. Montie, MD, FACS. *University of Michigan, Ann Arbor; Spectrum Health Medical Group, Grand Rapids, MI*

DISCUSSANT: Moderator(s)

The Association of Facial Trauma, Severity of Head Injury, and Helmets in Bicycle Riders: A National Trauma Data Bank Study

Ansab A. Haider, MD; Peter M. Rhee, MD, FACS; Mazhar Khalil, MD; Narong Kulvatunyou, MD, FACS; Bardiya Zangbar, MD; Terence O'Keeffe, MB, ChB, FACS; Andrew L. Tang, MD, FACS; Rifat Latifi, MD, FACS; Randall S. Friesse, MD, FACS; Bellal Joseph, MD, FACS. *University of Arizona, Tucson*

DISCUSSANT: Moderator(s)

Surgical Site Infections after Pediatric Surgery: Comparing Clinical, Electronic, and Administrative/Claims Data

Afif N. Kulaylat, MD; Christopher S. Hollenbeak, PhD; Brett W. Engbrecht, MD, MPH, FACS; Dorothy V. Rocourt, MD; Mary C. Santos, MD; Robert E. Cilley, MD, FACS; Peter W. Dillon, MD, FACS. *Penn State Hershey Children's Hospital*

DISCUSSANT: Moderator(s)

Development of a Novel Composite Process Measure for Venous Thromboembolism Prophylaxis

Christine V. Kinnier, MD; Mila H. Ju, MD; Thomas E. Kmiecik, PhD; Cynthia Barnard, MBA; Terri Halverson; Anthony D. Yang, MD, FACS; Joseph A. Caprini, MD, FACS; Karl Y. Bilimoria, MD, FACS. *Northwestern University, Chicago, IL; Massachusetts General Hospital, Boston, MA; NorthShore University HealthSystem, Evanston, IL*

DISCUSSANT: Moderator(s)

Patterns of Postoperative Care after Surgery in Freestanding Ambulatory Surgery Centers in South Carolina

George Molina, MD; Bridget A. Neville, MPH; Stuart R. Lipsitz; William Berry, MD, MPH; Atul A. Gawande, MD, MPH, FACS; Alex B. Haynes, MD, MPH. *Ariadne Labs at Brigham and Women's Hospital and Harvard School of Public Health, Massachusetts General Hospital, Boston*

DISCUSSANT: Moderator(s)

Frailty Screening Initiative Improves Mortality at 30, 180, and 360 Days

Jason M. Johanning, MD, FACS; Shipra Arya, MD, MPH; Kendra K. Schmid, PhD; Casey Blaser; Mark A. Carlson, MD, FACS; Travis L. Bailey; Georgia Purveance, RN; Tammy Bockman, RN, MHA; Thomas G. Lynch, MD, MHA. *Nebraska Western Iowa VA Health System, University of Nebraska, Omaha*

DISCUSSANT: Moderator(s)



Returns to Operating Room in a Tertiary Care Academic Medical Center: A Measure of Complexity, Complications or Both? An Electronic Tool to Identify the Reality Regarding RORs

Robert R. Cima, MD, FACS, FASCRS; Sarah R. Dhanorker, MHSA; Christopher L. Ostendorf, MSN, RN; Mfonabasi (Sam) S. Ntekpe; Raghu V. Mudundi, MBA; Elizabeth B. Habermann, PhD, MPH; Claude Deschamps, MD, FACS. *Mayo Clinic, Rochester, MN*
DISCUSSANT: Moderator(s)

Health Care Providers' Perceptions of Team Identity and Teamwork in the Operating Room

Lane L. Frasier, MD; Sudha R. Pavuluri Quamme, MD; Aimee M. Becker, MD; Sara Booth, RN; Adam Gutt, RN; Douglas Wiegmann, PhD; Caprice C. Greenberg, MD, FACS. *University of Wisconsin, Madison*
DISCUSSANT: Moderator(s)

Impact of Risk-Adjustment for Patient Socio-Demographic Status in Public Reporting of Cardiac Surgery Outcomes

Zhongmin Li, PhD; Jamie Anderson, MD; Patrick S. Romano, MD; Joseph P. Parker, PhD; J. Nilas Young, MD, FACS; David C. Chang, PhD, MPH, MBA. *University of California Davis Medical Center, California Office of Statewide Health Planning and Development, Sacramento; Massachusetts General Hospital, Boston, MA*
DISCUSSANT: Moderator(s)

Emergency Surgery for Suspected Appendicitis Is Safe and Cost-Effective at Any Hour

Hock Ping Cheah; Bronwyn Shin, MB, BS; Kenneth Wong, MB, BS(Hon), FRACS. *Central Coast Local Health Network, Gosford, Australia*
DISCUSSANT: Moderator(s)

Redesigned Electronic Medical Notes Allow Automated Clinical Data Extraction and Decrease Provider Documentation Time

Jose G. Christiano, MD. *University of Rochester Medical Center, NY*
DISCUSSANT: Moderator(s)

SF52 | 8:00 - 11:15 am

Surgical Oncology III

Location: W470A

TRACK: ONC

MODERATOR: Karyn B. Stitzenberg, MD, FACS, *Chapel Hill, NC*

CO-MODERATOR: David J. Bentrem, MD, FACS, *Chicago, IL*

Metastatic/Recurrent(M/R) Gastrointestinal Stromal Tumors (GIST): Does Surgical Resection Improve Survival?

Rahul Gadde, MD; Fady Elabbasy, MD; Mena Hanna, MD; Jonathan C. Trent, MD, PhD; Nipun B. Merchant, MD, FACS; Alan S. Livingstone, MD, FACS; Danny Yakoub, MB, BCh, PhD. *University of Miami-Miller School of Medicine, FL*
DISCUSSANT: Moderator(s)

A 45-Year Experience with Abdominal Melanoma Metastases: Is Surgical Cure Still Relevant in the Era of Modern Systemic Therapy?

Gary B. Deutsch, MD, MPH; Daniel D. Kirchoff, MD; Devin C. Flaherty, DO, PhD; Jihey Lee, PhD; Leland Foshag, MD, FACS; Mark B. Faries, MD, FACS; Anton J. Bilchik, MD, PhD, FACS. *John Wayne Cancer Institute at Providence Saint John's, Santa Monica, CA*
DISCUSSANT: Jeffrey M. Farma, MD, FACS, *Philadelphia, PA*

Prognostic Indicators in Thick Melanoma: A Review of the National Cancer Data Base

Ayana Allard-Picou, MD; James T. Dove; Tania K. Arora, MD; Mohsen Shabahang, MD, FACS; Joseph A. Blansfield, MD, FACS. *Geisinger Medical Center, Danville, PA*
DISCUSSANT: Moderator(s)

Does Metabolic Syndrome Affect the Postoperative Outcomes of Major Cancer Surgery? Analysis of the American College of Surgeons National Surgical Quality Improvement Program Database

Mohammed Al-Temimi, MD; Samir Johna, MD, MACM, FACS. *Kaiser Permanente, Fontana, CA*
DISCUSSANT: Margo C. Shoup, MD, FACS, *Maywood, IL*

Routine Barium Swallow May Be Unnecessary after Resection of Esophageal Cancer

Andreas Andreou, MD; Ben Struecker; Matthias Biebl, MD; Johann Pratschke, MD, PhD, FACS. *Charite - Campus Virchow Klinikum, Berlin, Germany*
DISCUSSANT: Urs Werner Von Holzen, MD, *Bristol, IN*

Survival, Complications, and Omission of Adjuvant Therapy in Pancreatic Cancer

Mark A. Healy, MD; Huiying Hy Yin; Sandra L. Wong, MD, FACS. *University of Michigan, Ann Arbor*
DISCUSSANT: Daniel E. Abbott, MD, *Cincinnati, OH*

Ki-67 Is Predictive for the Prognosis of Solid Pseudopapillary Tumor of the Pancreas

Feng Yang, MD, PhD; Chen Jin; Yun Bao; Zunguo Du; Yongjian Jiang; Ji Li; Yang Di; Deliang Fu, MD, PhD. *Huashan Hospital Affiliated to Fudan University, Shanghai, China*
DISCUSSANT: John D. Abad, MD, FACS, *Granger, IN*

Preoperative Assessment of Liver Function after Hepatectomy Using Hepatobiliary Scintigraphy and Indocyanine Green Clearance

Hideyuki Masui. *Kobe City Medical Center General Hospital, Japan*
DISCUSSANT: Sam G. Pappas, MD, FACS, *Maywood, IL*

Presenting Neutrophil-to-Lymphocyte Ratio Is Associated with Resectability after Neoadjuvant Therapy in Borderline Resectable Pancreatic Cancer

June S. Peng, MD; Trang K. Nguyen, MD; Sricharan Chalikonda, MD, MHA, FACS; Jane S. Wey, MD, FACS; R. Matthew Walsh, MD, FACS; Gareth Morris-Stiff, MB, BCh, PhD, FRCS. *Cleveland Clinic Foundation, OH*
DISCUSSANT: Sam C. Wang, MD, *Dallas, TX*

The Impact of Minimally Invasive Distal Pancreatectomy on 90-Day Readmissions and Cost: Is It Any Better than Open?

Scott Bendix, MD; Sandeep Anantha Sathyanarayana, MB, BS; Janak A. Parikh, MD; Michael J. Jacobs, MD, FACS. *Providence Hospital and Medical Centers, Southfield, MI*

DISCUSSANT: Thomas Tsai, MD, MPH, *Stanford, CA*

Complications after Feeding Jejunostomy Tube Placement for Gastroesophageal Cancer

Audrey H. Choi, MD; Shaila J. Merchant, MD; Virginia Sun, RN, PhD; Dan J. Raz, MD; Jae Y. Kim, MD; Joseph Kim, MD, FACS. *City of Hope National Medical Center, Duarte, CA*

DISCUSSANT: Cheguevara Afaneh, MD, *New York, NY*

SF53 | 8:00 - 11:15 am

Vascular Surgery III

Location: W470B

TRACK: VAS

MODERATOR: Christopher L. Skelly, MD, FACS, *Chicago, IL*

Long-Term Outcomes after Carotid Endarterectomy in Patients with End-Stage Renal Disease

Mahmoud Malas, MD, MHS, FACS; Isibor Arhuidese, MD, MPH; Tammam Obeid, MD; Caitlin W. Hicks, MD; Umair Qazi, MD; MPH; Joseph K. Canner, MHS; Christopher J. Abularrage, MD, FACS; Dorry L. Segev, MD, PhD, FACS. *Johns Hopkins Medical Institutions, Baltimore, MD*

DISCUSSANT: Moderator(s)

Optimization of Kidney Decellularization Methods Using a Quantitative Vascular Casting Technique for Long-Term Implantation

Joao Zambon, MD, PhD; In Kap Ko, PhD; Mehran Abolbashari, MD; Jennifer Huling; Tae Hyoung Kim, MD; John D. Jackson, PhD; James Yoo, MD, PhD; Anthony Atala, MD, FACS. *Wake Forest School of Medicine, Winston-Salem, NC*

DISCUSSANT: Moderator(s)

Chronicling a Decade of Pelvic Vascular Injuries during the Global War on Terror

Victoria S. McDonald, MD; Kevin M. Casey, MD, FACS; Marlon Tingzon, DO; Jacob F. Quail, MD; Joseph D. Ayers, MD. *Naval Medical Center San Diego, CA*

DISCUSSANT: Moderator(s)

Endovascular Repair of Ruptured Abdominal Aortic Aneurysm (AAA) Is Associated with Lower Incidence of Postoperative Acute Renal Failure

Faisal Aziz, MB, BS, FACS; Andrew Azab; Amy B. Reed, MD, FACS. *Penn State University, Hershey*

DISCUSSANT: Moderator(s)

Longer Operative Times for Carotid Endarterectomy Are Associated with Increased Mortality and Postoperative Complications

Faisal Aziz, MB, BS, FACS; Amy B. Reed, MD, FACS. *Penn State University, Hershey*

DISCUSSANT: Moderator(s)

Effects of Pharmacotherapeutic Agents on Microembolization Rates during Carotid Revascularization

Jennifer R. Li; Christian E. Pina; Chiara Giannarelli, MD, PhD; Venkatesh Mani, PhD; Ageliki G. Vouyouka, MD, FACS; Rami O. Tadros, MD; Prakash Krishnan; Zahi Fayad, PhD; Jose Wiley, MD; Peter L. Faries, MD, FACS. *Icahn School of Medicine at Mount Sinai, New York, NY*

DISCUSSANT: Moderator(s)

Common Femoral Artery Stent for Occlusive Disease: Midterm Results

Sam Ahn, MD; James E. Harrell, MD; Robert W. Feldtman, MD, FACS; Kenneth R. Kollmeyer, MD, FACS; Cameron E. Kliner; Craig A. Ferrara, DO, FACS; Pablo Uceda. *Dallas-Fort Worth Vascular Group, TX*

DISCUSSANT: Moderator(s)

Clinical Characteristics and Outcomes of Unilateral and Bilateral Lower Limb Deep Vein Thrombosis: Ultrasonography-Based Study of 6420 Cases

Ayman El-Menyar; Hassan Al-Thani, MD; Abdul Salim Kiliyanni, MD; Mohammad Asim, PhD. *Hamad General Hospital, Doha, Qatar*

DISCUSSANT: Moderator(s)

Short-Term Quality of Care Outcomes of Tunneled Dialysis Catheters, Arteriovenous Fistula, Arteriovenous Graft, and Early Cannulation Dialysis Access

Sapan S. Desai, MD, PhD, MBA; Anahita Dua, MD; Charles D. Callahan, PhD, MBA. *Southern Illinois University, Memorial Medical Center, Springfield*

DISCUSSANT: Moderator(s)

The Clinical Correlation of Race with Iliac Vein Stenting

Ahmad A. Alsheekh, MD; Anil P. Hingorani, MD, FACS; Enrico Ascher, MD, FACS; Natalie Marks, MD; Samson Ferm; Pavel Kibrik. *Total Vascular Care, Brooklyn, NY*

DISCUSSANT: Moderator(s)

Differential Regulation of Eph-B4 Signaling by Arterial and Venous Magnitudes of Shear Stress

Sherif Y. Shalaby, MD; Go Kuwahara, MD; Trenton R. Foster, MD; Kirstyn E. Brownson, MD; Hualong Bai, MD; Takuya Hashimoto, MD, PhD; Mo Wang, MD; Haidi Hu, MD; Hao He, MD; Alan Dardik, MD, PhD, FACS. *Yale University, New Haven, CT*

DISCUSSANT: Moderator(s)

A Role for Topical Nitrite in Diabetic Wound Healing

Ankur Aggarwal, MD; Michael C. Madigan, MD; Ellen Cody; Edith Tzeng, MD, FACS. *Veteran Affairs Pittsburgh Healthcare System, University of Pittsburgh Medical Center, PA*

DISCUSSANT: Moderator(s)

Video-Based Education Sessions (VE)

These popular and well-attended sessions feature presentations by surgeons showcasing surgical procedures and current subjects across the spectrum of surgical practice. Each video has been submitted by the author(s) and has been reviewed and accepted by the Committee on Video-Based Education, the sponsor of all video-based education sessions.

Alphabetical Index to Sessions

Bariatric Surgery	169
Best Videos from the Past	164
Cardiothoracic Surgery	156
Challenging and Unusual Problems in Surgery.	159
Clinical Workshop through Video.	160
Colon and Rectal Surgery I	157
Colon and Rectal Surgery II.	166
Controversies in General Surgery.	163
Endocrine Surgery	165
General Surgery I	157
General Surgery II	163
General Surgery III	168
Hepatobiliary Surgery I	161
Hepatobiliary Surgery II.	169
International Video Session.	161
Movie Classics from the Past	163
Neurological Surgery	162
Obstetrics and Gynecology.	162
Orthopaedic Surgery	159
Otolaryngology—Head and Neck Surgery.	158
Pancreas Surgery	160
Pediatric Surgery	168
Plastic Surgery	159
Subject-Oriented Symposium I: Atlas Showcase—Liver Volume.	158
Subject-Oriented Symposium II: Icons in Surgery	162
Subject-Oriented Symposium II: Icons in Surgery (Encore)	166
Subject-Oriented Symposium III: Revisional Foregut—Which Is Best?	165
Subject-Oriented Symposium IV: Robotic Surgery	165
Trauma.	158
Surgical Cases in Trauma.	167
Urological Surgery	164
Vascular Surgery	166

Monday, October 5

VE01 | 9:45 am - 1:00 pm

Cardiothoracic Surgery

Location: W176

TRACK: CTS

COORDINATOR AND PRESIDING OFFICERS:

Dawn E. Jaroszewski, MD, FACS, *Phoenix, AZ*
Sudish C. Murthy, MD, PhD, FACS, *Cleveland, OH*

PANELISTS:

Dawn E. Jaroszewski, MD, FACS, *Phoenix, AZ*
Sudish C. Murthy, MD, FACS, *Cleveland, OH*

Laparoscopic Hiatal Hernia Repair after Lynx Placement
Erin A Garvey, MD, *Phoenix, AZ*

Laparoscopic Repair of Morgagni Hernia: A Novel Technique for Mesh Fixation
Karen Dickinson; Phillip G. Rowse, MD; Stephen D. Cassivi, MD, MSc, FACS; *Rochester, MN*

Laparoscopic Enucleation of a Gastrointestinal Stromal Tumor of the Distal Esophagus
Erin M. Garvey, MD; Kristi L. Harold, MD, FACS;
Dawn E. Jaroszewski, MD, FACS; *Phoenix, AZ*

Peroral Endoscopic Myotomy as a Salvage after Failed Heller Myotomy
Siva Raja, MD; Sudish C. Murthy, MD, FACS; Stefan Kachala, MD; Madhu Sanaka, MD; *Cleveland, OH*

Robotic-Assisted Basilar Segmentary of Left Lower Lobe
Stefan Kachala, MD; Siva Raja, MD; Sudish C. Murthy, MD, FACS; *Cleveland, OH*

Robotic Right Upper Lobe Sleeve Lobectomy
Andrew Brownlee, MD; Richard S. Lazzaro, MD;
New York, NY

Video-Assisted Thoracic Surgery (VATS) Pneumonectomy
Daniel Raymond, MD, *Cleveland, OH*

Ministernotomy Aortic Valve Replacement and Coronary Artery Bypass
Yaniv Cozakov, MD; Nicolas Brozzi, MD; Edward B. Savage, MD, FACS; *Weston, FL*

Teflon Patch Repair of Mitral Annulus and Implantation of Bioprosthesis, Combined with Aortic Valve Replacement
Nicolas Brozzi, MD, *Weston, FL*

Implantation Total Artificial Heart
Francisco Arabia, MD, FACS, *Los Angeles, CA*

A Hybrid Approach to Complex, Severe Adult Pectus Excavatum
Awais Ashfaq, MD; Dawn E. Jaroszewski, MD, FACS;
Phoenix, AZ

Totally Robotic-Assisted Transhiatal Esophagectomy for Esophageal Cancer
Emilio Vicente, MD, FACS, *Madrid, Spain*

Minimally Invasive Esophagectomy a Thoracoscopic Approach with OrVil EEA Anastomosis
David Pearson, MD, *St. Louis, MO*

Thoracoscopic Esophagectomy for Carcinoma Lower One-Third Esophagus: Tips and Tricks for a Safe Procedure
Latif S. Bagwan, MD; Sendhil Kumar; *Coimbatore, India*

Surgical Implantation Technique of the Syncardia Total Artificial Heart
Michael J. Sasewich, MD, *La Jolla, CA*

Robotic Left Upper Lobe Lobectomy for NSCLC: A Safe, Systematic, and Stepwise Approach
Areo Saffarzadeh, MD; Amir Abolhoda, MD, FACS;
Long Beach, CA

Re-Operation after LINX for GERD: As Straightforward as Expected?

Irene Ma, MD; Awais Ashfaq, MD; Kristi Harold, MD, FACS; *Phoenix, AZ*

VE02 | 9:45 am - 1:00 pm

Colon and Rectal Surgery I

Location: W475

TRACK: CRS

COORDINATOR AND PRESIDING OFFICER:

Alessandro Fichera, MD, FACS, FASCRS, *Seattle, WA*

PANELISTS:

Jennifer M. Holder-Murray, MD, FACS, *Pittsburgh, PA*

Mukta K. Krane, MD, *Chicago, IL*

Patricia Sylla, MD, FACS, FASCRS, *New York, NY*

Resection of a Retrorectal Epidermoid Cyst Using**Transanal Endoscopic Microsurgery**

Helen Mayer, MD; Philip J. Spencer, MD; David F. Lawlor, MD, FACS; Patricia Sylla, MD, FACS; *Boston, MA*

Transanal Total Mesorectal Excision with TEM Rectoscope

Francesco Stipa, MD, FACS; Emanuele Soricelli; Gaetano Vincenzo Cunsolo, MD; Antonio Burza, MD; Pasquale Paolantonio; Ettore Santini; *Rome, Italy*

TaTME: Basics Steps and Frequent Mistakes during the Dissection

Gabriel J. Diaz Del Gobbo, MD, FASCRS; Salvadora Delgado, MD, PhD; Maria Fernandez-Hevia, MD; Raquel Bravo, MD; Irene Bachero Prades, MD; Marta Jimenez, PhD, MD; Joep Knol; *Barcelona, Spain*

Transanal Minimally Invasive Total Mesorectal Excision in Laparoscopic Colo-anal Anastomosis for Low Rectal Cancer

Emilio Morpurgo, MD; Camillo Orsini, MD; Sara Maria Tosato, MD; Valerio Masiero, MD; *Camposampiero, Italy*

Transanal Total Mesorectal Excision for Distal Rectal Cancer

John H. Marks, MD, FACS; Nicolas Lopez-Acevedo, MD; Matthew Johnson, BA; *Wynnewood, PA*

Repair of Supra- and Extra-Sphincteric Fistula-in-Ano Using Mucosal Advancement Flap

Jiri G. Melich, MD; Kunal Kochar, MD; Ajit Pai, MB, BS, FACS; John J. Park, MD, FACS, FASCRS; Leela M. Prasad, MD, FACS, FASCRS, FRCS; Slawomir J. Marecik, MD, FACS, FASCRS; *Park Ridge, IL*

Repair of a Recurrent Traumatic Rectovaginal Fistula

Slawomir J. Marecik, MD, FACS, FASCRS; Jan P. Kaminski, MD, MBA; Supriya S. Patel, MD; Jin George Melich, MD; John J. Park, MD, FACS, FASCRS; Leela M. Prasad, MD, FACS, FASCRS, FRCS; *Park Ridge, IL*

Perineal Rectosigmoidectomy

Andrew J. Russ, MD; Sharon L. Stein, MD, FACS; *Knoxville, TN*

Minimally Invasive Management of Intraoperative Complications

Deborah S. Keller, MS, MD; Juan R. Flores-Gonzalez, MD; Eric M. Haas, MD, FACS, FASCRS; *Houston, TX*

Robotic Right Colectomy with Total Mesocolic Excision and Extended Gastroepiploic Lymphadenectomy

Patricio B. Lynn, MD; Metin Keskin, MD; Lauren Mathews, MD; Leandro Feo, MD; Julio Garcia Aguilera, MD, FACS; *New York, NY*

Radical Right Hemicolectomy

Stelio Sampaio Rua, MD; Hugo Capote, MD; *Mafra, Portugal*

Ultralow Cancer of the Rectum with Sphincter Saving Resection with a Total Internal Anal Muscle Resection

Stelio Sampaio Rua, MD; Hugo Capote, MD; *Mafra, Portugal*

Redo Coloproctostomy with Retro-Ileal Anastomosis

David Liska, MD; Jean H. Ashburn, MD, FACS; Feza H. Remzi, MD, FACS, FASCRS; *Shaker Heights, OH*

VE03 | 9:45 am - 1:00 pm

General Surgery I

Location: W178

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

James A. Lee, MD, FACS, *New York, NY*

Barnard J. Palmer, MD, FACS, *Oakland, CA*

PANELISTS:

Jonathan T. Carter, MD, *San Francisco, CA*

Laparoscopic TEP Inguinal Hernia Repair—A Simplified Approach to Minimize Materials and Cost

Naif A. Al-Enazi, MD; Daniel Shouhed, MD; Gustavo Fernandez, MD; Daniel M. Herron, MD, FACS; *New York, NY*

Heller Myotomy and Dor Fundoplication: A Training Model for Advanced Laparoscopy

Omar Bellorin-Marin, MD; Paul C. Lee, MD, FACS; Alexander Ramirez-Valderrama, MD; *Long Island City, NY*

Endoscopic Resolution of a Post-Gastric Bypass Anastomotic Bleed

Nicolas Bonamici, BA; Sakeena Payne, MD; *Wilmette, IL*

Laparoscopic Transhiatal Distal Esophagectomy: An Alternative Treatment for Patients Who Are Not Candidates for Total Esophagectomy

Ryan Broderick, MD; Joshua S. Langert, MD; Cristina R. Harnsberger, MD; Hans F. Fuchs, MD; Bryan J. Sandler, MD, FACS; Garth R. Jacobsen, MD, FACS; Michael Bouvet, MD, FACS; Santiago Horgan, MD, FACS; *San Diego, CA*

Laparoscopic Extraperitoneal Repair of Petit's Lumbar Hernia with Mesh

Anthony Chau, MD; Erik Madden, MD; Gustavo F. Ranvier, MD; *French Camp, CA*

3 Trocars Laparoscopic Total Gastrectomy Plus D2 Lymphadenectomy with Intracorporeal Manual Esojejunostomy

Giovanni Dapri, MD, PhD, FACS; Han-Kwang Yang, MD, PhD, FACS; *Brussels, Belgium*

Laparoscopic Total Gastrectomy for Germline Mutation of the CDH-1 Gene

Guilherme M Campos, MD, FACS, *Richmond, VA*;
Laura E. Fischer, MD, MS; Emily Winslow, MD, FACS;
Madison, WI

Laparoscopic Placement of Gastric Electric Stimulator for Gastroparesis

Ornela Dervishaj, MD; Joel M. Crawford, MD; Amir Mikhchi, MD; Linus M. Yoe, MD; Peter J. Pappas, MD, FACS; Alan A. Saber, MB, BCh, FACS; *Brooklyn, NY*

Gallstone Ileus: A Minimally Invasive Approach

Michael E. Dolberg, MD; Jeffrey P. Snow, MD;
Alejandro Rafuls, ARNP; *Miramar, FL*

Laparoscopic Gastrointestinal Stromal Tumors Excision with Pyloroplasty

Matthew Dong, MD; Matthew D. Kroh, MD, FACS;
Kevin El-Hayek, MD; Yasir M. Akmal, MD; *Shaker Heights, OH*

Left Bochdaleck Hernia: Laparoscopic Repair

Gustavo G. Fernandez-Ranvier, MD; Daniel Shouhed, MD; Andrew Kaufman, MD; *Hermosa Beach, CA*;
Daniel M. Herron, MD, FACS, *New York, NY*

Laparoscopic Splenectomy for Splenic Artery Aneurysm

Kimberly S. Black, MD; Namir Katkhouda, MD, FACS; *Los Angeles, CA*

VE04 | 9:45 am - 1:00 pm

Subject-Oriented Symposium I: ACS Atlas Showcase—Liver Volume

Location: W175

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

David A. Geller, MD, FACS, *Pittsburgh, PA*
Horacio J. Asbun, MD, FACS, *Jacksonville, FL*

PANELISTS:

Pascal Fuchshuber, MD, FACS, *Walnut Creek, CA*
Patrick Pessaux, MD, PhD, *Paris, France*
Kyoichi Takaori, MD, FACS, *Kyoto, Japan*

Laparoscopic-Assisted Donor Right Hepatectomy Employing a Hanging Technique

Go Wakabayashi, MD, *Tokyo, Japan*

Laparoscopic Right Hepatectomy

Daniel Cherqui, MD, *Paris, France*

Laparoscopic Glissonian Technique for Central Hepatectomy

Marcel Artran Machado, MD, *Sao Paulo, Brazil*

Laparoscopic Right Posterior Sectionectomy for Treatment of Hepatocellular Carcinoma

Ho-Seong Han, MD, PhD, *Seoul, South Korea*

Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy (ALPPS)

Eduardo de Santibañes, MD, PhD, *Buenos Aires, Argentina*

Laparoscopic Bile Duct Resection and Hepaticojunostomy for Type I Choledochal Cyst

Horacio Asbun, MD, FACS, *Jacksonville, FL*

Surgical Management of Major Bile Duct Injury

Miguel A Mercado, MD, *Salvador Zubirán, Mexico*

Extended Left Hepatectomy for Stage IIIB Hilar Cholangiocarcinoma

Philippe Bachellier, MD, PhD, *Strasbourg, France*

Right Trisectonectomy for Hilar Cholangiocarcinoma

Yuji Nimura, MD, FASA(Hon), FESA(Hon),
FAFC(Hon), *Nagoya, Japan*

VE05 | 11:30 am - 1:00 pm

Otolaryngology—Head and Neck Surgery

Location: W184D

TRACK: OTO

COORDINATOR AND PRESIDING OFFICER:

Sanjay R. Parikh, MD, FACS, *Seattle, WA*

PANELISTS:

Soham Roy, MD, FACS, FAAP, *Houston, TX*
David J. Terris, MD, FACS, *Augusta, GA*

Thyroid Surgery for Cancer: A Modified Approach to Reduce Parathyroid Morbidity

Luca Revelli, MD, FACS; Guglielmo Ardito, MD, FACS; Erica Giustozzi, MD; Maria Vellone, MD; Francesco Ardito, MD; Nicola Avenia, MD; *Roma, Italy*

Approached for Ectopic Thoracic Parathyroid

Hossam Eldin A Mohamed, MD; Mohammed Al-Shehri, MD; Michael T. Weaver; Emad Kandil, MB, BCh, FACS; *Staten Island, NY*

Minimally Invasive Video-Assisted Parathyroidectomy and the Double Adenoma

David J. Terris, MD, FACS; William S. Duke, MD; *Augusta, GA*

Squamous Cell Carcinoma of the Orbit: A Novel Surgical Approach

Ana L. Campos Arbulu, MD; Javier Kerman Cabo, MD; Alejandro Sanchez Ruiz, MD; Horacio Dillon, MD; Juan M. Fernandez Vila, MD; Norberto A. Mezzadri, MD, FACS; *Buenos Aires, Argentina*

Superficial Parotidectomy

Juan Carlos B. Marzan, MD; Roberto A. Sarmiento, MD, MHA; Rommel M. Galicia, MD; Ralph Adriel T. Balan, MD; *Naga City, Philippines*

Powered Intracapsular Tonsillotomy and Adenoidectomy: How to Recognize the Inner Capsule

Paul Krakovitz, MD, FACS, *Shaker Heights, OH*

Endoscopic Management of Acute Subglottic Injuries: Avoiding the Tracheostomy

Soham Roy, MD, FACS, *Houston, TX*

Pediatric Trans-Oral Robot-Assisted Partial Laryngectomy for Neurofibroma

Sanjay R. Parikh, MD, FACS; Eduardo Mendez; John J. Meehan, MD, FACS; *Seattle, WA*

VE06 | 11:30 am - 1:00 pm

Trauma

Location: W470B

TRACK: TRA

COORDINATOR AND PRESIDING OFFICER:

Dennis W. Ashley, MD, FACS, FCCM, *Macon, GA*



PANELISTS:

Mark D. Cipolle, MD, FACS, *Newark, NJ*
 Christopher J. Dente, MD, FACS, *Atlanta, GA*
 Selwyn O. Rogers, MD, FACS, *Galveston, TX*

The Challenging Buried Bumper Syndrome after Percutaneous Endoscopic Gastrostomy

Ibrahim N. Afifi, MB, BCh, PhD; Ahmad M. Zarour, MB, BS, FACS; *Doha, Qatar*

Use of a Novel Saline/Radiofrequency Ablation Energy Technology for Arresting Ongoing Solid Organ Surface and Laceration Hemorrhage in Severely Injured Patients

Chad G. Ball, MD, FACS; Andre R. Campbell, MD, FACS; *Calgary, AB*

A Rare Life-Threatening Trauma—Superior Vena Cava Penetrating Injury—Case Report

Francisco D. Collet E Silva, MD, FACS; Tiberio M.A. Lima, MD; Jocielle S. Miranda, MD; Sergio D. Couto, MD; Celso O. Bernini, MD; Edivaldo M. Utiyama, MD; *Sao Paulo, Brazil*

Anatomic Exposures in Trauma: Cricothyroidotomy

Stefan W. Leichtle, MD; Edward Kwon, MD; Demetrios Demetriades, MD, PhD, FACS; *Los Angeles, CA*

Brachial Artery Injury

Aaron M. Strumwasser, MD; Elizabeth R. Benjamin, MD, PhD, FACS; Edward Kwon, MD; Demetrios Demetriades, MD, PhD, FACS; *Los Angeles, CA*

Minimally Invasive Lumbar L4 Corpectomy and Fusion for Fracture

Gabriel C. Tender, MD, FACS; Daniel C. Serban, MD, PhD; *New Orleans, LA*

**VE07 | 2:30 - 4:00 pm
Orthopaedic Surgery**

Location: W184D

TRACK: ORT

COORDINATOR AND PRESIDING OFFICERS:

Christian W. Ertl, MD, FACS, *Kalamazoo, MI*
 William J. J. Ertl, MD, FACS, *Oklahoma City, OK*

Traumatic Olecranon Disruption Secondary to Blast Injury with Non-Conventional Repair and Limb Salvage

Christian W. Ertl, MD, FACS, *Kalamazoo, MI*

Three-Dimensional (3-D) Printing and Virtual Surgery for Preoperative Planning of Deformity Correction in Orthopaedic Surgery

James Jastifer, MD; Christian W. Ertl, MD, FACS; *Kalamazoo, MI*

Non-Union of a Tibial Fracture Secondary to a Gunshot Wound Using IM Nail Placement in the Afghan National Police Hospital

Christian W. Ertl, MD, FACS; Azizullah Shefa, MD; *Kalamazoo, MI*

Choosing Simple Options to Provide Maximal and Expedited Outcomes in a Resource-Poor Environment, Case of Malleolar Fracture with Talocrural Joint Disruption

Christian W. Ertl, MD, FACS, *Kalamazoo, MI*

VE32 | 4:15 - 5:45 pm

Plastic Surgery

Location: W184D

TRACK: PLA

COORDINATOR AND PRESIDING OFFICERS:

Lawrence J. Gottlieb, MD, FACS, *Chicago, IL*

Facial Bipartition

Justine Lee, MD, PhD; Henry Kawamoto, MD, DDS, *Los Angeles, CA*

A Novel Microsurgical Model for Heterotopic, En-Bloc Chest Wall, Thymus, and Heart Transplantation in Mice

Amir Dorafshar, MD; George Furttmueller, MD; Gerald Brandacher, MD; *Baltimore, MD*

The Lateral Femoral Condyle / Medial Geniculate Artery Flap

Jonathan Bank, MD; L. Scott Levin, MD, FACS; *Philadelphia, PA*

Vascular Composite Allograft Transplantation in Identical Twins for Breast Reconstruction

David H. Song, MD, MBA, FACS; Julie E. Park, MD, FACS; David Teplica, MD, MFA; *Chicago, IL*

Microsurgical Reconstruction of the Nasal Lining

Robert L. Walton, MD, FACS, *Chicago, IL*

Robotic Harvest of Rectus Abdominus Muscle

David H. Song, MD, MBA, FACS, *Chicago, IL*

VE08 | 2:30 - 5:45 pm

Challenging and Unusual Problems in Surgery

Location: W475

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Pascal R. Fuchshuber, MD, PhD, FACS, *Walnut Creek, CA*

Rami E. Lutfi, MD, FACS, *Chicago, IL*

Multidisciplinary Approach to the Palliative Resection of an Adrenal Cortical Carcinoma

Janice L. Pasieka, MD, FACS; Elijah Dixon, MD, MSc; Bill Kidd, MD, FRCSC; Laura Chin-Lenn, MD; *Calgary, AB*

Robotic-Assisted Laparoscopic Cholecystectomy of a Suprahepatic Gallbladder in a Cirrhotic Patient

Laura E. Halpin; Jacob Hessey, MD; Kerri A. Simo, MD; *Toledo, OH*

Laparoscopic Management of Acute Paraesophageal Hernia Recurrence with Esophageal Muscular Injury

Jeffrey A. Blatnik, MD; Jeffrey M. Marks, MD, FACS; *Lyndhurst, OH*

Transversus Abdominis Release for Complicated Umbilical Hernia

Emil J. Fernando, MD; Alfredo D. Guerron, MD; Chad Zender, MD; *University Heights, OH*

Endoscopic Infected Mesh Removal following Redo Laparoscopic Nissen Fundoplication

Matthew E. Gitelis, BS; Sakeena Payne, MD; *Evanston, IL*

Median Arcuate Ligament Syndrome in Athletes

Ivy N. Haskins, MD; Jeffrey N. Harr, MD; Fred Brody, MD, MBA, FACS; *Washington, DC*

Endoscopic Antenna Coupling—A New Mechanism for Injury

Edward L. Jones II, MD; Thomas N. Robinson, MD; Dean J. Mikami, MD, FACS; *Aurora, CO*

Minimally Invasive Ivor-Lewis Esophagectomy on a Patient with a Right-Sided Aortic Arch

Jeremy M. Linson; Michael Latzko, MD; Bestoun Ahmed, MD, FACS; Ziad T. Awad, MB, ChB, FACS; *Jacksonville, FL*

Laparoscopic Right Hemicolectomy and Morgagni Hernia Repair: An Unusual Presentation of Colon Cancer

Clayton C. Petro, MD; David M. Krpata, MD; Christopher P. Brandt, MD, FACS; Jeremy M. Lipman, MD, FACS; *Cleveland, OH*

Laparoscopic-Assisted Resection of a Mesenteric Desmoid Tumor

Thomas Schnellendorfer, MD, FACS; Eric J. Burks, MD; Christopher D. Scheirey, MD; *Burlington, MA*

Mesh to Prevent Splenic Cyst Recurrence: A Bad Idea

Vishal M. Kothari, MD, FACS; Dmitry Oleynikov, MD, FACS; Jane Tsui, BS; Michael Klinginsmith, BS; Carl Tadaki, MD, FACS; *Omaha, NE*

Circumferential Resection of the Inferior Vena Cava for Primary Malignant Tumors: Is Reconstruction Necessary?

Emilio Vicente, MD, FACS; Yolanda Quijano, MD, PhD; Benedetto Ielpo, MD; Hipolito Duran, MD, PhD; Isabel Fabra, MD; Eduardo Diaz, MD; Sergio Olivares, MD; Ricardo Caruso, MD; Valentina Ferri, MD; Luis Malave, MD; *Madrid, Spain*

Cognitive Pearls in the Surgical Management of Giant Retroperitoneal Liposarcomas

Vijay K. Maker, MD, FACS, FRCS; Ajay V. Maker, MD, FACS; *Chicago, IL*

VE09 | 6:30 - 8:30 pm

Clinical Workshop through Video

Location: HC Stevens A-5

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Garth R. Jacobsen, MD, FACS, *San Diego, CA*

PANELISTS:

Ozanan R. Meireles, MD, *Boston, MA*

Kyle A. Perry, MD, FACS, *Columbus, OH*

Inguinal Neuritis Recognition during Lichtenstein Repair of Primary Inguinal Hernia (ACS-3446)

Robert C. Wright, MD, FACS; Caleb Wolfe, MD; *Puyallup, WA*

Abdominal Wall Reconstruction Utilizing Trans vs. Abdominis Release in a Patient with Massive Loss of Domain (ACS-3451)

Eric M. Pauli, MD; David M. Krpata, MD; Michael J. Rosen, MD, FACS; Yuri W. Novitsky, MD; *Cleveland, OH*

Laparoscopic Repair of Traumatic Right-Sided Diaphragmatic Hernia (ACS-3338)

Avishai Meyer, MD; Abhijit Shaligram, MD; Pradeep K. Pallati, MD; Dmitry Oleynikov, MD, FACS; *Omaha, NE*

The Laparoscopic Approach to Internal Hernias after Roux-en-Y Gastric Bypass (ACS-3460)

Edward L. Felix, MD, FACS; Dan E. Swartz, MD; *Fresno, CA*

A Proposed Operative Technique for Restoration of Continuity in Patients with Roux-en-Y Anatomy (ACS-3469)

Bernadette U. Laxa, MD; Daniel Herron, MD, FACS; *New York, NY*

Laparoscopic Transgastric Cystgastrostomy and Pancreatic Debridement (ACS-3321)

Ryan Swan, MD; Kerri Simo, MD; Erin Hanna, MD; David Sindram, MD; John B. Martinie, MD, FACS; David A. Iannitti, MD, FACS; *Charlotte, NC*

Transaxillary Endoscopic Total Thyroidectomy with Central Lymph Node Dissection (ACS-3274)

Barnard J. Palmer, MD; Bernadette U. Laxa, MD; William B. Inabnet III, MD, FACS; *New York, NY*

Laparoscopic-Assisted Small Bowel Resection for Gallstone Ileus (ACS-3312)

William W. Hope, MD, FACS; W. Bordon Hooks IV, MD; Mindy N. Merritt, MD; Cyrus A. Kotwall, MD, FACS; Thomas V. Clancy, MD, FACS; *Wilmington, NC*

Laparoscopic Repair of Spontaneous Esophageal Perforation (Boerhaave Syndrome) ACS-3262)

Alan A. Saber, MD, FACS; Samer S. Aida, MD; Jason A. Saber; *Cleveland, OH*

(Videos from the ACS Video Library)

Tuesday, October 6

VE10 | 8:00 - 9:30 am

Pancreas Surgery

Location: W178

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

David B. Renton, MD, FACS, *Columbus, OH*

PANELISTS:

E. Christopher Ellison, MD, FACS, *Columbus, OH*

Keith D. Lillemoe, MD, FACS, *Boston, MA*

Open Pancreatoduodenectomy for a Solid Pseudopapillary Tumor That Provoked a Portal Hypertension-Like Syndrome

Alessandro Coppola, MD; Francesco Santullo, MD; John A. Stauffer, MD, FACS; ; *Rome, Italy*; Horacio J. Asbun, MD, FACS, *Jacksonville, FL*

Undressing the Superior Mesenteric Artery— Systematic and Enbloc Resection of Mesopancreas in Pancreatoduodenectomy for Invasive Pancreatic Head Cancer

Yosuke Inoue; Akio Saiura, MD; Yoshihiro Mise, MD,
PhD; Takeaki Ishizawa, MD, PhD; Yu Takahashi;
Tokyo, Japan

Robotic Distal Pancreatectomy Combined with Partial Nephrectomy

Yasir M. Akmal, MB, BCh, FACS; Kevin M. El-Hayek,
MD; *Abu Dhabi, United Arab Emirates*

Radical Antegrade Modular Pancreatoplectomy for Adenocarcinoma of the Body of the Pancreas

Kuirong Jiang, MD, PhD; Zipeng Lu, MD; Jianmin
Chen, MD, PhD; Jishu Wei, MD, PhD; Feng Guo; Yi
Miao, MD, PhD, FACS; *Nanjing, China*

Minimally Invasive Complex Pancreatic Surgery Can Be Done Safely While Adhering to Oncological Principles

Jeremy M. Linson; Michael Latzko, MD; Bestoun
Ahmed, MD, FACS; Ziad T. Awad, MB, ChB, FACS;
Jacksonville, FL

Artery-First Approach Pancreatoduodenectomy with Retroperitoneal Clearance for Pancreatic Head Cancer

Yi Miao, MD, PhD, FACS; Zipeng Lu, MD; Cuncai Dai,
MD, PhD; Junli Wu, MD, PhD; Wentao Gao; Jianmin
Chen, MD, PhD; Jishu Wei, MD, PhD; Feng Guo;
Kuirong Jiang, MD, PhD; *Nanjing, China*

Recurrence of Malignant Ampulloma Treated by Duodenopancreatectomy

Enrique Moreno Gonzalez, MD, FACS(Hon); Jorge
Calvo-Pulido, MD; Alejandro Manrique-Municio,
MD; Félix Cambra-Molero, MD; *Madrid, Spain*

VE11 | 8:00 - 11:15 am

International Video Session

Location: W475

TRACK: GEN, INT

COORDINATOR AND PRESIDING OFFICERS:

Giovanni Dapri, MD, PhD, FACS, *Brussels, Belgium*
Alan A. Saber, MD, FACS, *Brooklyn, NY*

PANELISTS:

Shamir O. Cawich, MB, BS, FACS, *Kingston, Jamaica*
Mousa A. R. Khoursheed, MB, ChB, FACS, *Safat,
Kuwait*
Fernando Maluenda, MD, FACS, *Santiago, Chile*

Primary Omental Infarction Mimicking Gastrointestinal Stromal Tumors

Jesus D. De Leon, MD; Raul Cavazos, MD; *Monterrey,
Mexico*

Transversus Abdomens Release in the Repair of Parastomal Hernia after Bricker Procedure

Miguel Angel García-Ureña; Javier Lopez-Monclus,
PhD; Daniel Melero, MD; Alvaro Robín; Arturo
Cruz, MD; Almudena Moreno; Santiago S.
García-Hernández, MS; Patricia López Quindós,
MD; Natividad Palencia; Carmen Jiménez; *Madrid,
Spain*

Laparoscopic Management of Small Bowel Obstruction Due to a Meckel's Diverticulum

Juan D. Hernandez, MD, FACS; Ricardo Nassar, MD;
Natan Zundel, MD, FACS; *Bogota, Colombia*

Final Treatment of Severe Stenosis and Motor Disturbances of the Esophagus

Enrique Moreno Gonzalez, MD, FACS(Hon);
Felix Cambra-Molero, MD; Alvaro García-Sesma,
MD; Alejandro Manrique-Municio, MD; Jorge
Calvo-Pulido, MD; *Madrid, Spain*

Pylorus Preserving Gastrectomy for Gastrointestinal Stromal Tumor of the Stomach Body

Elena Orsenigo, MD, FACS; Carlo Staudacher, MD,
FACS; Ludovica Baldari, MD; *Milano, Italy*

Minimally Invasive Esophagectomy for Caustic Esophageal Stricture—Thoracoscopy in Prone Position and Laparoscopic Gastric Pull-Up

Carlos E. Rodriguez-Otero Luppi, MD; Eduardo M.
Targarona Soler, MD, PhD, FACS; Jose Luis Pallarés
Segura; Carmen Balague Ponz; Victor Turrado
Rodríguez, MD; Jesus Bollo Rodríguez, MD; Manel
Trias Folch; *Barcelona, Spain*

Laparoscopic Repair of a Gigantic Diaphragmatic Hernia

Víctor Turrado Rodríguez, MD; Carlos E. Rodríguez
Otero Luppi, MD; Eduardo M. Targarona Soler, MD,
PhD, FACS; *Barcelona, Spain*

Gastric Sleeve Resection with Intraoperative ICG Fluorescence Angiography

Thomas Carus, MD, *Bremen, Germany*

Laparoscopic Conversion of Failed Adjustable Gastric Band to Biliopancreatic Diversion with Duodenal Switch

Mariano Palermo, MD, FACS, *Buenos Aires,
Argentina*

Management of Iatrogenic Jejunal Perforation during Testing of Gastro Jejunostomy during Laparoscopic Roux-en-Y Gastric Bypass

Moataz Bashah, MD; Davit Sargsyan, MD; Moa-
hamed Al Kuwari, MD; Mohsen Karam, MD; *Doha,
Qatar*

Ultralow Cancer of the Rectum with Sphincter Saving Resection with a Total Internal Anal Muscle Resection

Stelio Sampaio Rua, MD, *Mafra, Portugal*

Transanal Total Mesorectal Excision (TaTME): Basics Steps and Frequent Mistakes during the Dissection

Gabriel G. Diaz Del Gobbo, MD, FASCRS, *Barcelona,
Spain*

Pure Laparoscopic Right Hemihepatectomy by the Caudodorsal Side Approach

Goro Honda, MD, FACS, *Tokyo, Japan*

Laparoscopic Right Adrenalectomy for Large Tumor

Luigi Boni, MD, FACS, *Varese, Italy*

VE12 | 9:45 - 11:15 am

Hepatobiliary I

Location: W178

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

David A. Kooby, MD, FACS, *Atlanta, GA*

PANELIST:

Ryan C. Fields, MD, *St. Louis, MO*

ALPPS for Recurrent Bilateral Colorectal Liver Metastases

Fernando A. Alvarez, MD; Martin de Santibañes, MD; Victoria Ardiles, MD; Juan J. Pekolj, MD, FACS; Eduardo de Santibañes; *Buenos Aires, Argentina*

In Situ Hypothermic Perfusion and Liver Resection—An Aged and Still Effective Method

Mohammad Fard-Aghaie, MD; Gregor A. Stavrou, MD, FEBS (HPB); Kim C. Schuetze, MD; Karl J. Oldhafer, MD, PhD; *Hamburg, Germany*

Pure Laparoscopic Right Hemihepatectomy by the Caudodorsal Side Approach

Goro Honda, MD, FACS; Masanao Kurata, MD, PhD; Katsunori Sakamoto, MD; Shin Kobayashi, MD; Masahiko Honjo, MD; *Tokyo, Japan*

Parenchymal-Sparing Small Anatomical Resection as Fourth Laparoscopic Liver Resection

Zenichi Morise, MD, PhD, FACS; *Nagoya, Aichi, Japan*

Clinical Application of a Planning Software for Laparoscopic Microwave Thermosphere Ablation of a Malignant Liver Tumor

Eren Berber, MD, FACS; Alexis K. Okoh, MD; Sara Sound, MD, MBA; Hakan Yigitbas, MD; *Cleveland, OH*

Laparoscopic Fluorescence to Detect and Treat Very Small Hepatocellular Carcinoma (HCC) on Patients on Waiting List for Liver Transplantation

Fabrizio Panaro, MD, PhD; Hussein Habibeh, MD; Hassan Bouyabrine, MD; Francis Navarro, MD; *Montpellier, France*

The Transmediastinal, Intrapericardial, IVC Approach for Liver Tumors Invading the Hepatic Vein Confluence

Taiji Tohyama, MD; Yasutsugu Takada, MD; Kei Tamura, MD; Akihiro Takai, MD; Masahide Hatano, MD; Hitoshi Inoue, MD; Jota Watanabe, MD; *Toon, Japan*

**VE13 | 9:45 - 11:15 am
Obstetrics and Gynecology**

Location: W184D

TRACK: OBG

COORDINATOR AND PRESIDING OFFICER:

Camran R. Nezhat, MD, FACS, *Palo Alto, CA*

Clinical Overview and Surgical Management of Malpositioned Intrauterine Devices

Benjamin Margolis, MD; Mireille D. Truong, MD; *New Haven, CT*

Laparoscopic Management of Diaphragmatic Endometriosis

M. Ali Parsa, MD; Chandhana Paka, MD; Camran Nezhat, MD, FACS; *Palo Alto, CA*

Pelvic and Abdominal Tumor Debulking

Farr Nezhat, MD, FACOG, FACS; Radu Apostol, DO, FACOG; Patrick Vetere, MD, FACOG, FACS; Michael Khalife, MD, FACS; *New York, NY*

Enclosed Transvaginal Morcellation of an Enlarged Uterus after Total Laparoscopic Hysterectomy and Bilateral Salpingo-oophorectomy

Ceana H. Nezhat, MD, FACS, Erica Dun, MD, MPH; *Atlanta, GA*

Principles and Techniques of Laparoscopic Dissection

Cara King, DO, MS; Ted Lee, MD; *Madison, WI*

Laparoscopic Segmented Resection of Small Bowel in Severe Endometriosis

Camram Nezhat, MD, FACS, *Palo Alto, CA*

VE14 | 9:45 - 11:15 am

Subject-Oriented Symposium II: Icons in Surgery

Location: W175

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

William O. Richards, MD, FACS, *Mobile, AL*
Steven D. Schwartzberg, MD, FACS, *Buffalo, NY*

Thomas J. Fogarty, MD, FACS

DISCUSSANT: Thomas M. Krummel, MD, FACS, *Stanford, CA*

Claude H. Organ, Jr., MD, FACS

DISCUSSANT: Gregory M. Organ, MD, FACS, *East Palo Alto, CA*

Thomas E. Starzyl, MD, FACS

DISCUSSANT: Clyde F. Barker, MD, FACS, *Philadelphia, PA*

**VE15 | 12:45 - 2:15 pm
Neurological Surgery**

Location: W176

TRACK: NEU

COORDINATOR AND PRESIDING OFFICER:

Isabelle M. Germano, MD, FACS, *New York, NY*

Clipping of an Unruptured Middle Cerebral Artery Aneurysm Complicated by a Wide Neck and Incorporation of the Temporal Artery

Azedine Medhkour, MD, FAANS, FACS; Justin Baum, MD; *Toledo, OH*

Laparoscopic Retrieval of Antepulsed Interbody Cage

Nairuthya Shivathirthan, MD; Bopaiah Kanjithanda, MB, BS; *Paris, France*

Brain Tumors

Isabelle M. Germano, MD, FACS, *New York, NY*

Head Trauma

Jamie Ullman, MD, FACS, *Manhasset, NY*

Cerebrovascular

Charles J. Prestigiacomo, MD, FACS, *Newark, NJ*

Movement Disorders

Julie Pilitsis, MD, *Albany, NY*

Spinal Syinx

Aruna Ganju, MD, *Chicago, IL*

Minimally Invasive Spine

Arthur Jenkins III, MD, *New York, NY*

VE16 | 12:45 - 2:15 pm
Movie Classics from the Past
Location: W178

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Archana Ramaswamy, MD, FACS, *Minneapolis, MN*
 David B. Renton, MD, FACS, *Columbus, OH*

Mesh, Plug, and Patch Repair (CC-1872)

AUTHORS: Ira M. Rutkow, MD, FACS and Alan W. Robbins, MD, FACS

Sentinel Lymph Node Dissection for Breast Cancer (CC-1905)

AUTHOR: Armando Giuliano, MD, FACS

World's First Robotic Mitral Valve Replacement (ACS-2164)

AUTHOR: Clifton C. Reade, MD, FACS

DISCUSSANT: Danny Ramzy, MD, PhD, *Los Angeles, CA*

Laparoscopic Highly Selective Vagotomy (CC-1800)

AUTHORS: John G. Hunter, MD, FACS; William S. Laycock, MD, FACS; Thadeus L. Trus, MD

DISCUSSANT: C. Daniel Smith, MD, FACS, *Jacksonville, FL*

(Videos from the ACS Video Library)

VE17 | 12:45 - 4:00 pm
Controversies in General Surgery
Location: W475

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Daniel M. Herron, MD, FACS, *New York, NY*
 Patrick R. Reardon, MD, FACS, *Houston, TX*

Primary Obesity Surgery Endoluminal

Francis Deasis, BS, BA; Woody Denham, MD, FACS;
 John G. Linn, MD; Stephen P. Haggerty, MD, FACS;
 Sakeena Payne, MD; *Arlington Heights, IL*

Laparoscopic Hernia Repair of a Multiply Recurrent Inguinal Hernia

Edward L. Felix, MD, FACS; Daniel Swartz, MD, FACS; *Shell Beach, CA*

Sports Hernia Repair

Fred Brody, MD, MBA, FACS; Jeffrey N. Harr, MD;
 Benjamin Biteman, MD; *Washington, DC*

Laparoscopic Paraesophageal Hernia Repair with Falciform Ligament Buttress

Fred Brody, MD, MBA, FACS; Jeffrey N. Harr, MD;
 Benjamin R. Biteman, MD; *Washington, DC*

Thoracoscopic Robotic Surgery for the Treatment of a Giant Epiphrenic Diverticula and Cardiomyotomy—A New Surgical Approach

Jacques Matone, MD, FACS; Marina Epstein, MD;
 Samuel Okazaki, MD; Gabriel Macapani, MD; Ricardo S. Dos Santos, MD; Antonio Luiz L. Macedo, MD; *Sao Paulo, Brazil*

Diaphragmatic Eventration

Meir B. Meerkov, MD; John E. Wennergren, MD;
 Marion Hochstetler, MD; Jeremiah T. Martin, MB, BCh, FACS, FRCSI; J. Scott Roth, MD, FACS; *Lexington, KY*

Laparoscopic Redo of Hiatal Hernia Repair after Nissen Fundoplication and Biologic Mesh Using Barbed Suture Closure

Raul J. Rosenthal, MD, FACS; LeShon Hendricks, MD, MD; Emanuele Lo Menzo, MD, PhD, FACS; Alex Ordonez, MD; Joseph W. Melendez-Davidson, MD, MD; Samuel Szomstein, MD, FACS; *Weston, FL*

Laparoscopic Management of Postoperative Recurrent Incisional Hernia

Alan A. Saber, MB, BCh, FACS; Tina Joseph, MD; Lauren Poliakin, MD; Venkat R. Modukuru, MB, BS; *Brooklyn, NY*

Complete Endoscopic Management of Acute Iatrogenic Transverse Colon Injuries from a Percutaneous Endoscopic Gastrostomy Tube

Joshua Winder, MD; Ryan M. Staszak, MD; Eric M. Pauli, MD; *Hershey, PA*

VE18 | 2:30 - 5:45 pm
General Surgery II
Location: W178

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Don J. Selzer, MD, FACS, *Indianapolis, IN*
 Kristin M. Busch, MD, *Portland, ME*

PANELISTS:

Michael G. House, MD, FACS, *Indianapolis, IN*
 Christopher K. Senkowski, MD, FACS, *Savannah, GA*

Transversus Abdominis Release for Complex Abdominal Wall Reconstruction

Miguel Angel García-Ureña; Javier Lopez-Monclus, PhD; Arsenio Sanchez Movilla; Luis Alberto Blazquez; Alvaro Robin; Daniel Melero, MD; Arturo Cruz, MD; Patricia López; Natividad Palencia; Enrique González, MD, PhD; *Madrid, Spain*

Laparoscopic Repair of a Subxiphoid Hernia

Omar M. Ghanem, MD; Hamid Zahiri, DO; Shadi Al-Bahri, MD; Ivan M. George; Keith J. Terry; Adrian E. Park, MD, FACS; Igor Belyansky, MD, FACS; *Ellicott City, MD*

Laparoendoscopic Intra-gastric Enucleation of a Gastric Leiomyoma

Daniel Guerron, MD; Hideo Takahashi, MD; Yasir M. Akmal, MD; Matthew D. Kroh, MD, FACS; Kevin El-Hayek, MD; *Cleveland, OH*

A Surgeon's First Laparoscopic Whipple with Robotic Reconstruction Using a Two-Layer Duct to Mucosa Anastomosis at a Community Hospital: A Video Abstract and Case Report

Ian Schlieder, DO; Stuart L. Blackwood, MD; Daniel E. Kleiner, MD; *Danbury, CT*

Laparoscopic Resection of Gastrointestinal Stromal Tumors at Duodenal-jejunal Junction

Fred Brody, MD, MBA, FACS; Jeffrey N. Harr, MD; Matthew D. Skancke, MD; *Washington, DC*

Lifting Technique in the Thoracoscopic Esophagectomy Makes Lymphadenectomy Along the Left Recurrent Laryngeal Nerve Easier

Hiroyuki Kobayashi, MD, PhD; Masato Kondo, MD; Satoshi Kaihara, MD, PhD, FACS; *Kobe City, Japan*

Technique for Advanced Laparoscopic Peritoneal Dialysis Catheter Placement

Monika Krezalek, MD; Stephen P. Haggerty, MD, FACS; Nicolas Bonamici; *Chicago, IL*

Identification and Repair of an Esophageal Injury

Dmitry Oleynikov, MD, FACS; Jane Tsui, MS, RRT-NPS; Michael J. daSilva, BS; Carl Tadaki, MD, FACS; *Omaha, NE*

Heller's Myotomy as Treatment of Dysphagia after Antireflux Fundoplication

Raul J. Rosenthal, MD, FACS; David Nguyen, MD; Priyanga Jayakumar, MD; Alex Ordonez, MD; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS; *Weston, FL*

Laparoscopic Antrectomy with Gastrojejunostomy and Truncal Vagotomy in Recurrent Peptic Ulcer Disease after Failed Highly Selective Vagotomy

Raul J. Rosenthal, MD, FACS; David Nguyen, MD; Fernando M. Safdie, MD; Alex Ordonez, MD; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS

Laparoscopic Common Bile Duct Exploration for Choledocolithiasis after Laparoscopic Cholecystectomy

Luigi Boni, MD, FACS; Stefano Rausei, MD, PhD; Elisabetta Marta Colombo, MD; Elisa Cassinotti, MD; *Varese, Italy*

Meckel's Diverticulitis after Right Hemicolectomy

Carlos E. Rodriguez-Otero Luppi, MD; Eduardo M. Targarona Soler; Carmen Balague Ponz; Ozlem Uyanik, MD; Victor Turrado Rodríguez, MD; Jesus Bollo Rodríguez, MD; Carmen Martinez Sanchez, MD; Pilar Hernandez Casanovas, MD; Manel Trias Folch; *Barcelona, Spain*

VE19 | 6:30 - 8:30 pm

Best Videos from the Past

Location: Hilton Chicago Stevens A-5

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Raul J. Rosenthal MD, FACS, FASMBs, *Weston, FL*

PANELISTS:

Daniel B. Jones, MD, FACS, *Boston, MA*
Alan A. Saber, MD, FACS, *Brooklyn, NY*

Laparoscopic Splenectomy (ACS-1794)

Edward H. Phillips, MD, FACS; Brendan J. Carroll, MD, FACS; Moses J. Fallas, MD, FACS, *Los Angeles, CA*

Laparoscopic Common Bile Duct Exploration (ACS-1775)

Joseph B. Petelin, MD, FACS, *Shawnee Mission, KS*

Laparoscopic Preperitoneal Anatomic Tension-Free Herniorrhaphy (ACS-1814)

Guy R. Voeller, MD, FACS; Eugene C. Mangiante, Jr., MD, FACS; Louis G. Britt, MD, FACS; *Memphis, TN*

Laparoscopic Ventral Hernia Repair (CC-1873)

Michel Gagner, MD, FACS, *New York, NY*

Laparoscopic Highly Selective Vagotomy (CC-1800) (soundtrack)

John G. Hunter, MD, FACS; William S. Laycock, MD; Thadeus L. Trus, MD; *Atlanta, GA*

Laparoscopic Roux-en-Y Gastric Bypass for Morbid Obesity (CC-1890)

Philip R. Schauer, MD; Kenneth K. W. Lee, MD, FACS; *Pittsburgh, PA*

Laparoscopic Nissen Fundoplication (ACS-1793)

Jeffrey H. Peters, MD, FACS, *Rochester, NY*; Tom R. DeMeester, MD, FACS, *Los Angeles, CA*

Laparoscopic Heller Myotomy without Antireflux Procedure (ACS-2107)

William O. Richards, MD, FACS, *Nashville, TN*; Renee S. Wolff, MD, *Sanbornville, NH*; Karen Draper, MD; Kenneth W. Sharp, MD, FACS; *Nashville, TN*

Laparoscopic Repair of Paraesophageal Hernia with Partial Fundoplication (ACS-2089) (soundtrack)

Michael B. Edye, MD, FACS; Valeriu E. Andrei, MD; *New York, NY*

When the LapBand Fails: Laparoscopic Conversion from LapBand to Biliopancreatic Diversion with Duodenal Switch (ACS-2352)

Brian P. Jacob, MD; William B. Inabnet III, MD, FACS; *New York, NY*

Sacral Rectopexy and Sigmoid Resection for Rectal Prolapse (CC-1937)

Herand Abcarian, MD, FACS, *Chicago, IL*

Laparoscopic Management of Inflammatory Disorders of the Colon and Small Bowel (ACS-1938)

Steven D. Wexner, MD, FACS; Petachia Reissman, MD; Lucia Oliveira, MD; *Ft. Lauderdale, FL*

(Videos from the ACS Video Library)

Wednesday, October 7

VE20 | 8:00 - 9:30 am

Urological Surgery

Location: W475

TRACK: URO

COORDINATOR AND PRESIDING OFFICER:

Raj S. Pruthi, MD, FACS, *Chapel Hill, NC*

PANELISTS:

Jeffrey W. Nix, MD, *Birmingham, AL*
Michael E. Woods MD, FACS, *Chapel Hill, NC*

Modified Robotic Boari Flap for Treatment of Benign Ureteral Stricture Disease

Matthew Brennan, DO; Ronak A. Gor, DO; Daniel Canter, MD; Jay Simhan, MD; *Philadelphia, PA*

Single-Stage Robotic Full-Template Retroperitoneal Lymph Node Dissection for Testicular Cancer

Ahmad Shabsigh, MD; Ahmed Sarhan, MD; *Columbus, OH*

Ultrasound-Guided Percutaneous Nephrolithotomy for Staghorn Stone in Crossed-Fused Ectopic Pelvic Kidney
Haresh G. Thummar, MD; Mantu Gupta, MD; Usama Khater, MD; *New York, NY*

What a Mesh!: Robotic Excision of Vaginal Mesh Erosion into the Bladder

Ching Man Carmen Tong, DO; Ronak A. Gor, DO; Daniel Canter, MD; Jay Simhan, MD; *Philadelphia, PA*

Capsule to Calculus Optical Dissection for Tract Creation during Difficult Percutaneous Nephrolithotomy (PCNL)

Haresh G. Thummar, MD; Usama Khater, MD; Mantu Gupta, MD; *New York, NY*

Epididymovasostomy: A Two-Suture Intussusception Approach

E. Sophie Spencer, MD; Tariq Hakky, MD; Gavin Langille, MD; Robert M. Coward, MD; *Chapel Hill, NC*; Larry I. Lipschultz, MD, FACS, *Houston, TX*

VE21 8:00 - 9:30 am

Subject-Oriented Symposium III: Revisional Foregut—Which Is Best?

Location: W178

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Leena Khaitan, MD, FACS, *Chardon, OH*
Aurora D. Pryor, MD, FACS, *Stony Brook, NY*

Laparoscopic Redo of a Failed Robotic Paraesophageal Hernia Repair with a Barbed Suture

Raul J. Rosenthal, MD, FACS; Abraham Abdemur, MD; Alex Ramirez, MD; Alex Ordonez, MD; Emanuele LoMenzo, MD, PhD, FACS; Samuel Szomstein, MD, FACS; *Weston, FL*

Surgical Revision after Heller Myotomy for Achalasia

Daniel Shouhed, MD; Gustavo Ranvier; Naif A. Al-Enazi, MD; Subhash U. Kini, MB, BS, FACS; *New York, NY*

Laparoscopic Methods in Recurrent Paraesophageal Hernias

Jessica A. Gatas, MD; John Rodriguez, MD; Matthew D. Kroh, MD, FACS; Jeffrey L. Ponsky, MD, FACS; *Cleveland Heights, OH*

Robotic-Assisted Laparoscopic Redo Hiatal Hernia Repair with Nissen Fundoplication

Carlos A. Galvani, MD; Julia Samamé, MD; Hany M. Takla, MD; Rose M. Ibrahim, MD; Arash Safavi, MD, MHSc; Iman Ghaderi, MD; *Tucson, AZ*

Revision of Failed Fundoplication with Pre-Operative Assessment

Jon C. Gould, MD, FACS, *Milwaukee, WI*

Revision of Paraesophageal Hernia

Thadeus Trus, MD, *Rochester, NY*

Revision Strategies for Achalasia

Steven P. Bowers, MD, FACS, *Ponte Verde Beach, FL*

Utility of the Robot in Revisional Foregut Surgery

Erik B. Wilson, MD, FACS, *Houston, TX*

VE22 | 9:45 - 11:15 am

Subject-Oriented Symposium IV: Robotic Surgery

Location: W475

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

Carlos U. Corvera MD, FACS, *San Francisco, CA*

PANELISTS:

Insoo Suh, MD, *San Francisco, CA*
Sam S. Yoon, MD, FACS, *New York, NY*

Robotic Transhiatal Esophagectomy

Sharona B. Ross, MD, FACS; Ty A. Bowman, BS; Rozeena J. Taylor; Prashant B. Sukhramwala, MB, BS; Alexander S. Rosemurgy II, MD, FACS; *Tampa, FL*

Single-Dock, Totally Robotic TME Surgery for a Re-Grown Rectal Cancer

Jamil N. Ahmed, MD, MRCS, MS; Najaf Siddiqi, MB, BS, MRCS; Jim Khan, MD, MSc, FCPS, FRCS; Amjad Parvaiz, FRCS; *Portsmouth, U.K.*

Robotic Distal Spleen-Preserving Subtotal

Pancreatectomy for Hyperinsulinemic Hypoglycemia after Subtotal Gastrectomy with Roux-en-Y

Reconstruction

Mario C. Masrur, MD; Despoina Daskalaki, MD; Kristin Patton, MD; Fabiola Aguilera, MD; Pier C. Giulianotti, MD, FACS; Enrique F. Elli, MD, FACS; Francesco Bianco, MD; *Chicago, IL*

Techniques to Perform Robotic Left Adrenalectomy in Obese Patients

Ajay V. Maker, MD, FACS; Vijay K. Maker, MD, FACS, FRCS; *Chicago, IL*

Management of Intraoperative Bleeding during Robotic Colorectal Surgery

Yasir M. Akmal, MD; Daniel Moon, MD; Thuy B. Tran, MD; Elisabeth C. McLemore, MD; I. Emre Gorgun, MD; Maher A. Abbas, MD, FACS; *Abu Dhabi, United Arab Emirates*

Total Esophagectomy in Prone Position—Laparoscopic and Robotic Approach

Marta Jimenez-Toscano, MD, PhD; Dulce M. Momblan, MD; Salvadora Delgado, MD, PhD; Juan Jose Espert, MD, PhD; Gabriel Diaz Del Gabo, MD; Ainitze Ibarzabal, MD; Antonio M. Lacy, MD, PhD, FASCRS (Hon); *Barcelona, Spain*

Robot-Assisted TAPP Hernia Is an Ideal Index Case for Teaching Robotic Surgery in a General Surgery Residency Program

Rana C. Pullatt, MB, BS, FACS; Chelsea Connor, MD; Crystal Johnson; Adam Franklin, MD; Ashley B. Hink, MD, MPH; Jessica Taylor, MD; *Mount Pleasant, SC*

VE23 | 9:45 - 11:15 am

Endocrine Surgery

Location: W178

TRACK: GEN

COORDINATOR AND PRESIDING OFFICER:

William B. Inabnet III, MD, FACS, *New York, NY*

PANELISTS:

Daniel T. Ruan, MD, FACS, *Newton Centre, MA*
Shelby A. Holt, MD, FACS, *Dallas, TX*

Feasibility and Safety of Transaxillary Robot-Assisted Total Thyroidectomy with Three Arms

Gabriele Materazzi, MD; Carlo E. Ambrosini, MD, PhD; Paolo Miccoli, MD; Lorenzo Fregoli, MD; Marco Biricotti, MD; Valeria Matteucci, MD; Piermarco Papini, MD; *Pisa, Italy*

Minimally Invasive Video-Assisted Thyroidectomy: Description of the Technique

Gabriele Materazzi, MD; Carlo E. Ambrosini, MD, PhD; Paolo Miccoli, MD; Lorenzo Fregoli, MD; Marco Biricotti, MD; Valeria Matteucci, MD; *Pisa, Italy*

Anatomical Considerations and Key Steps in Laparoscopic Adrenalectomy for Malignancies

Giancarlo Basili, MD; Nicola Romano; Graziano Biondi; *Pontedera, Italy*

Laparoscopic Right Adrenalectomy for Large Tumor

Luigi Boni, MD, FACS; Elisa Cassinotti, MD; Gianlorenzo Dionigi, MD, FACS; Giulia David, MD; *Varese, Italy*

Laparoscopic Converted to Open Insulinoma Enucleation

Gustavo G. Fernandez-Ranvier, MD, *Hermosa Beach, CA*; William B. Inabnet III, MD, FACS, *New York, NY*

Key Tactics in Operative Exposure of Cervical Nerves during Modified Neck Dissection

Kresimira E. Milas, MD, FACS; Lauren Luk, MD; Maisie L. Shindo, MD, FACS; *Portland, OR*

Laparoscopic Approach to Two Extra-Adrenal Paragangliomas

Victor Turrado Rodríguez, MD; Carlos E. Rodríguez-Otero Luppi, MD; Eduardo M. Targarona Soler, MD, PhD, FACS; *Barcelona, Spain*

VE24 | 9:45 - 11:15 am

Vascular Surgery

Location: W176

TRACK: VAS

COORDINATOR AND PRESIDING OFFICERS:

Raghu L. Motaganahalli, MB, BS, FACS, *Indianapolis, IN*

PANELISTS:

Michael C. Dalsing, MD, FACS, *Indianapolis, IN*
Audra A. Duncan, MD, FACS, *Rochester, MN*

Laser-Assisted Endovascular Retrieval of a Nine-Year-Old Stainless Steel Greenfield Vena Cava Filter

Ronald F. Sing, DO, FACS; Peter E. Fischer, MD, MS; Michael J. Avery, BS; Mark L. Lessne, MD; Bradley W. Thomas, MD, FACS; Ashley B. Christmas, MD, FACS; *Charlotte, NC*

Robotic Retrieval of IVC Filter

Cristine S. Velazco, MD; Victor Davila, MD; Erik P. Castle, MD, FACS; Samuel R. Money, MD, FACS; *Phoenix, AZ*

Carotid Artery Aneurysm

Raghu L. Motaganahalli, MB, BS, FACS; Anjan Talukdar, MB, BS; Tyler A. Evans, MD; Michael C. Dalsing, MD, FACS; Alok K. Gupta, MD; *Indianapolis, IN*

Laparoscopic Inferior Mesenteric Artery Clipping for Persistent Type II Endoleak following Endovascular Aneurysm Repair

Cindy Huynh, MD; Taewan Kim, MD, FACS; Vivian Gahtan, MD, FACS; Kwame S. Amankwah, MD, Msc, FACS; *Syracuse, NY*

Real-Time Three-Dimensional Fluoroscopic Translumbar Embolization of Type 2 Endoleak

Julia J. Broering; Eduardo Eli; David Timaran; Tarik Ali, MD; Carlos Timaran, MD; Martyn Knowles, MD; Kimberly Borges; *Dallas, TX*

Retroperitoneal Approach for Aortoiliac Reconstruction

Yana Etkin, MD; Ksenia Orlova, MD, PhD; Ronald M. Fairman, MD, FACS; Julia Glaser; Paul J. Foley, MD; Clyde F. Barker, MD, FACS; Benjamin M. Jackson, MD, FACS; *New York, NY*

Renal Artery Aneurysms: Open Surgical Approaches

Sean P. Wengerter, MD; Marvin V. Weaver, MD; Rami O. Tadros, MD; William Beckerman, MD; Sharif Ellozy, MD; Peter L. Faries, MD; Michael L. Marin, MD, FACS; Alexandra Naides, BS; Varinder S. Phangreh, MD; *New York, NY*

Laparoscopic Treatment of Large Right Renal and Splenic Artery Aneurysm by Kidney Autotransplantation and Splenectomy Using ICG Fluorescence

Luigi Boni, MD, FACS; Elisa EC. Cassinotti, MD; Matteo Tozzi, MD; Marco Franchin, MD; *Varese, Italy*

Common Carotid Artery to Internal Carotid Artery Bypass Graft with Distal Balloon Occlusion for Failed Carotid Stenting

Marika Gassner, DO; Sachinder S. Hans, MD, FACS; *Clinton Township, MI*

VE31 | 11:30 am - 12:30 pm

Subject-Oriented Symposium II: Icons in Surgery (Encore)

Location: W475

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

William O. Richards, MD, FACS, *Mobile, AL*
Steven D. Schwaartzberg, MD, FACS, *Buffalo, NY*

Thomas J. Fogarty, MD, FACS

DISCUSSANT: Thomas M. Krummel, MD, FACS, *Stanford, CA*

Claude H. Organ, Jr., MD, FACS

DISCUSSANT: Gregory M. Organ, MD, FACS, *East Palo Alto, CA*

Thomas E. Starzyl, MD, FACS

DISCUSSANT: Clyde F. Barker, MD, FACS, *Philadelphia, PA*

VE25 | 12:45 - 4:00 pm

Colon and Rectal Surgery II

Location: W178

TRACK: CRS

COORDINATOR AND PRESIDING OFFICER:

Alan E. Harzman, MD, FACS, *Columbus, OH*

PANELISTS:

Amir L. Bastawrous, MD, FACS, *Seattle, WA*
 Jennifer Blumetti, MD, FACS, *Oak Park, IL*
 Michael A. Valente, DO, FACS, *Brecksville, OH*

Laparoendoscopic Resection of a Giant Sessile Cecal Adenoma

Cigdem Benlice, MD; John Burke, MD, PhD; Jean H. Ashburn, MD, FACS; I. Emre Gorgun, MD, FACS; *Cleveland, OH*

Total Medial Approach with Pincers Movement for Laparoscopic Complete Mesocolic Excision of Advanced Transverse Colon Cancer

Masato Kondo, MD, FACS; Hiroki Hashida, MD, PhD, FACS; Satoshi Kaihara, MD, PhD, FACS; *Kobe, Japan*

Laparoscopic Ileocolic Resection with Intracorporeal Anastomosis for Obstructive Crohn's Disease

Barry A. Salky, MD, FACS; Emily Steinhagen, MD; *New York, NY*

Laparoscopic Sigmoid Colon Resection with Transvaginal Specimen Extraction

Francesco Stipa, MD, FACS; Gaetano V. Cunsolo, MD; Emanuele Soricelli, MD; Pietro Delle Site, MD; Ettore Santini, MD; *Rome, Italy*

Techniques and Sites of Laparoscopic Intracorporeal Anastomosis in Emergency Colorectal Surgery: How to Do It

Salomone Di Saverio, MD; Raffaele R. Lombardi, MD; Andrea Biscardi, MD; Michele Masetti, MD; Federica Martuzzi, MD; Simonetta Selleri, MD; Matteo Zanello, MD; Laura Mastrangelo, MD; Gregorio G. Tugnoli, MD; Elio Jovine; *Bologna, Italy*

Laparoscopic Repair of Small Bowel Internal Hernia after Laparoscopic Total Abdominal Colectomy

Kaci D. Sims, MD; Leander M. Grimm, MD; *Mobile, AL*

Laparoscopic Ultra Low Anterior Resection with Colonic J-Pouch: Techniques for a Difficult Oncologic Resection

Monica T. Young, MD; Mehranesh D. Jafari, MD; Alessio Pigazzi, MD, FACS; *Orange, CA*

Pelvic Lymph Node Dissection for Metastatic Rectal Cancer

Joseph D. Valentino, MD; Karin Westesson, MD; Amr F. Fergany; Feza H. Remzi, MD, FACS, FASCRS; *Lexington, KY*

Repair of Perineal Incisional Hernia with Mesh

Tarik Elarini; Martin I. Newman, MD, FACS; Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCSEd; *Weston, FL*

A Novel Technique of J-Pouch Revision—Bypassing a Pouch Inlet Stricture

Mihir Shah, MD; Jean H. Ashburn, MD, FACS; Feza H. Remzi, MD, FACS, FASCRS; *Cleveland Heights, OH*

Preventing Parastomal Hernias: The Preperitoneal Approach

Joshua Winder, MD; Zachary A. Gregg, MD; Eric M. Pauli, MD; Evangelos Messaris, MD, PhD, FACS; *Hershey, PA*

A Case Report: CO2 Angiography and Embolization in a Patient with Hemorrhagic Malignancy

Anh-Thu Le, MD; Jitesh A. Patel, MD; *Lexington, KY*

Radical Treatment by Means of Right Colectomy Extended to Cephalic Duodenopancreatectomy of Neoplastic Colo-Duodenal Fistulae

Enrique Moreno Gonzalez, MD, FACS(Hon); Jorge Calvo-Pulido, MD; Alvaro Garcia-Sesma, MD; Alejanro Manrique-Municio, MD; Félix Cambra-Molero, MD; *Madrid, Spain*

**VE26 | 2:30 - 5:45 pm
Surgical Cases in Trauma**

Location: W176

TRACK: TRA

COORDINATOR AND PRESIDING OFFICER:

Dennis W. Ashley, MD, FACS, FCCM, *Macon, GA*

PANELISTS:

Mark D. Cipolle, MD, FACS, *Newark, NJ*
 Christopher J. Dente, MD, FACS, *Atlanta, GA*
 Selwyn O. Rogers, MD, FACS, *Galveston, TX*

Carotid Artery Trauma: Exposure and Management

Gregory A. Magee, MD; Edward Kwon, MD; Demetrios Demetriades, MD, PhD, FACS; *Los Angeles, CA*

Anatomic Exposures in Trauma: Cervical Esophagus

Brian J. Gavitt, MD, MPH; Elizabeth R. Benjamin, MD, PhD, FACS; Edward Kwon, MD; Demetrios Demetriades, MD, PhD, FACS; *Glendale, CA*

Surgical Management of Complex Trauma of Trachea and Esophagus

Jose J. Serna; Carlos Ordoñez, MD; *Calí, Colombia*

Severe Traumatic Injuries in Pancreas and Duodenum: Treatment in Three-Stages. A Case Report

Sergio H. Damous, MD; Adilson C. Rodrigues, MD; Rafael Arouca, MD; Thiago C. Pereira, MD; Jose Alves, MD; Aline B. Zanon, MD; Francisco D. Collet E Silva, MD, PhD, FACS; Celso O. Bernini, MD; Edivaldo M. Utiyama, MD, PhD; *Sao Paulo, Brazil*

Gunshot Wound (GSW) to the Aorta: Endovascular-Assisted Management following Surgical Control of GSW to the Aortic Arch

Jose J. Serna; David A. Mejia, MD; Amadeus Uribe, MD; Carlos A. Ordoñez, MD; *Calí, Colombia*

The Early Laparoscopic Repair of a Traumatic Lumbar Hernia: Safe and Successful

Shawn Diamond; Stephen S. Kaminski, MD, FACS; *Santa Barbara, CA*

Internal Iliac Artery Branch Graft Used for a Traumatic Popliteal Artery Injury Defect in Afghanistan

Christian W. Ertl, MD, FACS; M. Yaqub Noorzai, MD; *Kalamazoo, MI*

Laparoscopy for a Stab Wound to the Abdomen 33 Hours after Injury

Nicolas Melo, MD, FACS; Daniel R. Margulies, MD, FACS; *Los Angeles, CA*



Diaphragmatic Injury—Minimally Invasive Surgery a Useful Method for Diagnosis and Treatment for Acute or Old Injury

Francisco D. Collet E Silva, MD, FACS; Adriano Pflug, MD; Sergio Damous, MD; Celso O. Bernini, MD; Edivaldo M. Utiyama, MD; *Sao Paulo, Brazil*

Positive Video-Assisted Thoracoscopic Pericardial Window Management of a Right Ventricle Stab Wound with Minimally Invasive Technique

Jessica Correa, MD; Mauricio Zuluaga, MD; *Cali, Colombia*

VE27 | 2:30 - 5:45 pm

Pediatric Surgery

Location: W470B

TRACK: PED

COORDINATOR AND PRESIDING OFFICERS:

Shawn D. St. Peter, MD, FACS, *Kansas City, MO*
Todd A. Ponsky, MD, FACS, *Akron, OH*

Transumbilical Incision for Open Appendectomy

Harald L. Aanning, MD, FACS, *Yankton, SD*

Endoscopic Web Localization for Laparoscopic Duodenal Web Excision

Nicholas Bruns, MD; Alexander T. Gibbons, BS; Matthew J. Wyneski, MD; Todd A. Ponsky, MD, FACS; *Cleveland, OH*

Double Endoscopy as a Method of Establishing a Neopylorus in Inadvertent Permanent Stapled Pyloric Exclusion after Gunshot Wound

Nicholas Bruns, MD; Alexander T. Gibbons, BA, BS; Reinaldo Garcia, MD; Matthew J. Wyneski, MD; Todd A. Ponsky, MD, FACS; *Cleveland, OH*

Transatlantic Telementoring with Pediatric Surgeons: Technical Considerations and Lessons Learned

Nicholas Bruns, MD; Sabine Irtan, MD, PhD; Etai M. Bogen, MD; Henri Kotobi, MD; Steven S. Rothenberg, MD, FACS; Todd A. Ponsky, MD, FACS; *Cleveland, OH*

A Shocking Discovery: An Interesting Case of Buckyball Retrieval

Jennifer W. Harris, MD; James D. Hoskins, BS; John M. Draus, MD; *Lexington, KY*

Laparoscopic Resection of a Splenic Epidermoid Cyst in a Pediatric Patient

Mary M. Jordan, MD; Aaron P. Leshner, MD; Andre Hebra, MD, FACS; *Charleston, SC*

Aortic Arch Anomalies—The Minimally Invasive Management of the Newborn: A Call for the Three-Dimensional Computed Tomography Scan

Jeff R. Lukish, MD, FACS; Howard I. Pryor, MD; Dylan Stewart; Fizan Abdullah, MD, FACS; David Hackam, MD, PhD; *Baltimore, MD*

Thoracoscopic Resection of a Left Superior Mediastinal Ganglioneuroblastoma with Extension into the Neck: A Step-by-Step Approach

Stephen P. Oh, MD; Lawrence Bodenstein, MD, PhD; Steven S. Rothenberg, MD, FACS; Daniel M. Relles, MD; *New York, NY*

Laparoscopic Resection of Large Obstructive Peutz-Jeghers Duodenal Polyp

Armando Rosales-Velderrain, MD; Abraham A. Betancourt, MD; Fuad Alkhoury, MD, FACS; *Weston, FL*

Modification of Hepaticoduodenostomy after Choledochal Cyst Resection

Brian G.A. Dalton, MD; Katherine W. Gonzalez, MD; Jeffrey J. Dehmer, MD; Richard J. Hendrickson, MD; *Spartanburg, SC*

Laparoscopic Ladd's Procedure for Midgut Volvulus in a 13-Day-Old

E. Martin Knott, DO, *Roanoke, VA*; Shawn D. St. Peter, MD, FACS, *Kansas City, MO*

VE28 | 2:30 - 5:45 pm

General Surgery III

Location: W475

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Patrick R. Reardon, MD, FACS, *Houston, TX*
Benjamin K. Poulouse, MD, MPH, FACS, *Nashville, TN*

Combined Surgical and Endoscopic Management of Recurrent Intussusception Secondary to Peutz-Jeghers Syndrome

Sabrine Semoin, MD; Lester B. Katz, MD; *New York, NY*

Laparoscopic Gallbladder Remnant Removal

Mason R Fisher, MD, FACS; Andrew D. Van Osdol, MD; *La Crosse, WI*

Laparoscopic D2 Lymph Node Dissection for Distal Gastrectomy

Jiping J. Wang, MD, PhD, FACS; Luise I.M. Pernar, MD; *Boston, MA*

Minimally Invasive Video-Assisted Parathyroidectomy: Double Adenoma Removal

Carlo E. Ambrosini, MD, PhD; Paolo Miccoli, MD; Gabriele Materazzi, MD; Marco Biricotti, MD; Valeria Matteucci, MD; *Pisa, Italy*

Pancreatic Pseudocyst Laparoscopic Cystojejunostomy: A Case Report

Manuel Aceves Avalos, MD, FACS; Raul Perez, MD; Arturo Martinez, MD; Diego Vallejo, MD; Eduardo Aceves, MD; *Guadalajara, Mexico*

Laparoscopic Transduodenal Sphincteroplasty

Mariano Palermo, MD, FACS; Nelson Trelles, MD; Michel Gagner, MD, FACS, FRCS, FASMBS, FICS, AFC(Hon); *Buenos Aires, Argentina*

Surgical Approach to a Suspicious Mass in the Pancreaticoduodenal Groove

Benjamin R. Veenstra, MD; Horacio J. Asbun, MD, FACS; *Ponte Vedra Beach, FL*

Combined Endoscopic and Laparoscopic Management of Mirizzi Syndrome

Yuriy Zhurov, MD; George S. Ibrahim, MD; Arpit Amin, MD; Jonathan Giannone, MD; Anthony Maffei, MD, FACS; Thomas D. Cerabona, MD, FACS; Ashutosh Kaul, MD; *Westbury, NY*

Techniques for Laparoscopic Hernia Repair at the Extremes of the Abdominal Wall

Audree B. Condren, MD; Daniel M. Herron, MD, FACS; *New York, NY*

Indocyanine Green Enhanced Fluorescence during Laparoscopic Liver Resection for Colorectal Metastases

Luigi Boni, MD, FACS; Giulia David, MD; Alessandro Marzorati, MD; Elisa Cassinotti, MD; *Varese, Italy*

Laparoscopic Transiliac Hernia Repair

Fred Brody, MD, MBA, FACS; Jeffrey N. Harr, MD; Yen-Yi Juo, MD; *Washington, DC*

Gastroesophageal Perforation Repair after Dilation for GE Junction Stricture

Rana C. Pullatt, MB, BS, FACS; William P. Lancaster, MD; Adam Franklin, MD; Ashley B. Hink, MD, MPH; Vinayak Rohan; *Mount Pleasant, SC*

Thursday, October 8**VE29 | 8:00 - 9:30 am
Hepatobiliary Surgery II**

Location: W475

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Eren Berber, MD, FACS, *Cleveland, OH*

PANELISTS:

John J. Fung, MD, FACS, *Cleveland, OH*

David A. Iannitti, MD, FACS, *Charlotte, NC*

Transthoracic Port Placement Increases Safety of Total Laparoscopic Posterior Sectionectomy

Claudius H. Conrad, MD, PhD; Thomas A. Aloia, MD, FACS; Cathy Eng, MD; George J. Chang, MD; Jean-Nicolas Vauthey, MD; Lilian Schwarz, MD; *Houston, TX*

Hepatotomy and Cyst Wall Thermal Ablation Is a Safe and Effective Alternative to Hepatectomy for Echinococcal Cyst-Biliary Fistula (ECBF)

Rachel E. Heneghan, MD; William S. Helton, MD, FACS; *Seattle, WA*

Laparoscopic Parenchyma Sparing Anatomical Liver Resection Using Three-Dimensional Computer-Assisted Surgery Planning and Navigation

Osamu W. Itano, MD, PhD; Yuta Abe, MD, PhD; Akio Saiura, MD; Takeaki Ishizawa, MD, PhD, FACS; Masayuki Tanaka, MD; Masahiro Shinoda; Minoru Kitago, MD, PhD; Taizo Hibi, MD, PhD; Hiroshi Yagi, MD, PhD; Yuko Kitagawa, MD, FACS; *Tokyo, Japan*

Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy—ALPPS

Karl J. Oldhafer, MD, PhD; Mohammad Fard-Aghaie, MD; Gregor A. Stavrou, MD; *Hamburg, Germany*

A New Advance in the Minimally Invasive Liver Surgery: Robotic Liver Partition and Portal Vein Ligation for Staged Hepatectomy

Emilio Vicente, MD, FACS; Yolanda Quijano, MD, PhD; Benedetto Ielpo, MD; Eduardo Diaz, MD; Isabel Fabra, MD; Hipolito Duran, MD, PhD; Sergio

Olivares, MD; Ricardo Caruso, MD; Valentina Ferri, MD; Luis Malave, MD; *Madrid, Spain*

Double Central Cholangio-Jejunostomy as the Only Treatment of Choice after Different Therapies in Iatrogenic Lesions of the Biliary Tract

Enrique Moreno Gonzalez, MD, FACS(Hon); Jorge Calvo-Pulido, MD; Alejandro Manrique-Municio, MD; Alvaro Garcia-Sesma, MD; *Madrid, Spain*

Isolated Caudate Lobe Resection for Hepatic Adenoma

Hisakazu Hoshi, MD, FACS; *Iowa City, IA*

VE30 | 8:00 - 11:15 am

Bariatric Surgery

Location: W178

TRACK: GEN

COORDINATOR AND PRESIDING OFFICERS:

Jon C. Gould, MD, FACS, *Milwaukee, WI*

Archana Ramaswamy, MD, FACS, *Minneapolis, MN*

PANELISTS:

Daniel M. Herron, MD, FACS, *New York, NY*

Tammy L. Kindel, MD, PhD, *Milwaukee, WI*

Reversal of Silastic Ring Vertical Banded Gastroplasty for Gastroesophageal Reflux Disease and Malnutrition

Ambar Banerjee, MB, BS; Jennifer N. Choi, MD, FACS; Don J. Selzer, MD, MS, FACS; *Indianapolis, IN*

Laparoscopic Conversion of Vertical Banded Gastroplasty (VBG) to Roux-en-Y Gastric Bypass for Recurrent Emesis and Severe Gastroesophageal Reflux Disease with Barrett's Esophagus

Francesco Palazzo, MD, FACS; Ernest L. Rosato, MD, FACS; Karen A. Chojnacki, MD, FACS; Michael J. Pucci, MD; *Philadelphia, PA*

Novel Treatment of Recurrent Hiatal Hernia after Laparoscopic Sleeve Gastrectomy

Daniel Freno, MD; William O. Richards, MD, FACS; Barry Ballard, MD; Carl Maltese, MD; *Mobile, AL*

Sleeve Gastrectomy Hiatal Hernia Repair and Dor Fundoplication in a Patient with Symptomatic Gastroesophageal Reflux Disease

Thomas J. Painter, MD; Rena C. Moon, MD; Andre F. Teixeira, MD; Muhammad A. Jawad, MD, FACS; *Ocoee, FL*

Laparoscopic Take-Down of Nissen Fundoplication and Resection of the Pouch after Roux-en-Y Gastric Bypass for Severe Gastroesophageal Reflux Disease

Rena C. Moon, MD; Pieter J. Smit, MD; Andre F. Teixeira, MD; Muhammad A. Jawad, MD, FACS; *Ocoee, FL*

Implantation of Gastric Neuro-Stimulator in a Patient with Refractory Gastroparesis after Reversal of a Roux-en-Y Gastric Bypass

Raul J. Rosenthal, MD, FACS; Morris Sasson, MD; Lisandro M. Montorfano, MD; Federico Perez Quirante, MD; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS; *Weston, FL*

Laparoscopic Conversion of Failed Adjustable Gastric Band to Biliopancreatic Diversion with Duodenal Switch

Mariano Palermo, MD, FACS; Nelson Trelles, MD; Michel Gagner, MD, FACS, FRCSC; *Buenos Aires, Argentina*

Undo of Gastric Plication with Conversion to Sleeve Gastrectomy

Raul J Rosenthal, MD, FACS; Fernando Dip, MD; David Nguyen, MD; Priyanga Jayakumar, MD; Alex Ordonez, MD; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS; *Weston, FL*

Laparoscopic Resection and Revision of Gastrojejunostomy and Repair of Hiatal Hernia for Persistent Marginal Ulcer

Lars Nelson, MD; Rena C. Moon, MD; Andre F. Teixeira, MD; Muhammad A. Jawad, MD, FACS; *Ocoee, FL*

Concurrent Laparoscopic Roux-en-Y Gastric Bypass and Heller's Myotomy in Treatment of Gastric Strictures and Achalasia

Raul J. Rosenthal, MD, FACS; David Nguyen, MD; Alexander Ramirez-Valderrama, MD; Alex Ordonez, MD; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS; *Weston, FL*

Alternative Techniques of Stent Placement

Cici Zhang, MD; Julio Teixeira, MD; *New York, NY*

Technical Standardization of Laparoscopic Ileal Interposition Associated to a Diverted Sleeve Gastrectomy for Treatment T2DM

Augusto C. Tinoco, MD, FACS; Luciana El-Kadere, MD, PhD, FACS; *Itaperuna, Brazil*

An Incidental Left Paraduodenal Hernia during a Laparoscopic Robotic-Assisted Roux-en-Y Gastric Bypass

Carlos A. Galvani, MD; Julia Samamé, MD; Hany M. Takla, MD; Rose M. Ibrahim, MD; Iman Ghaderi, MD; *Tucson, AZ*

Dealing with Pitfalls and Unusual Findings in Bariatric Surgery

Andres Hanssen, MD, FACS; Sergio Plotnikov, MD; Rinci L. Dubois, MD; Geylor A. Acosta, MD; Alejandro Rojas, MD; Juan B. Rodriguez, MD; Rafael A. Hanssen, MS; *Caracas, Venezuela*

Scientific Forum Poster Presentations (PP)

The Scientific Forum Poster Presentations are listed alphabetically by category. Each poster will be on display only during the date noted on this page. Refer to the page number that follows each category to find information regarding each group of posters, including booth location. Posters will be on display on the Exhibition Floor at McCormick Place West.

Entrance to the poster presentations is allowed only with an official badge. Spouses, guests, and young adults 16 years of age or older may visit the poster presentations, provided they are registered. Posters will be on display Monday, October 5, through Wednesday, October 7, from 9:00 am – 4:30 pm. Attendees are especially encouraged to visit the posters during the 11:00 am – 2:30 pm lunch period, when authors will be at their booths to discuss their work and answer questions.

In addition, in an effort to promote and acknowledge the work of these exhibitors, attendees are cordially invited to attend a lunchtime tour of the Posters of Exceptional Merit facilitated by Scientific Forum Committee Chair, Mary T. Hawn, MD, MPH, FACS. This presentation will take place Tuesday, October 6, at McCormick Place West, Hall F2, 11:30 am – 12:30 pm.

This year's Posters of Exceptional Merit judges are Mary T. Hawn, MD, FACS, Dennis P. Orgill, MD, FACS, Ali Tavakkoli, MD, FACS, and Paula Termuhlen, MD, FACS.

Daily, October 5, 6, 7 (M, T, W)

Posters of Exceptional Merit 171

Monday, October 5 (M)

Bariatric/Foregut	172
Breast	172
Cardiac Surgery	173
Colorectal Surgery	173
General Surgery	177
Neurosurgery	182
Pediatric Surgery	182

Tuesday, October 6 (T)

Hepatobiliary and Pancreas	179
Surgical Oncology	184
Transplantation and Tissue Engineering	186
Urological Surgery	188
Vascular Surgery	188

Wednesday, October 7 (W)

Critical Care	175
Education	176
Endocrine	177
Plastic and Maxillofacial Surgery	183
Quality, Safety, and Outcomes	184
Trauma	186

Posters of Exceptional Merit

Breast PP223-M,T,W
Big Data in Breast Reconstruction: A Comparison of the Explorys Platform and the American College of Surgeons National Surgical Quality Improvement Program (NSQIP)
 Scott N. Loewenstein, MD; Graham S. Schwarz, MD, FACS. *Cleveland Clinic, OH*

Colon and Rectal Surgery PP224-M,T,W
Decision Analysis Using Markov Simulation Modeling Supports Local Excision in T1 Colon Cancer
 Andrew Currie, MRCS; Alan Askari, MB ChB; Christopher Rao; Omar Faiz; Thanos Athanasiou; Robin Kennedy, FRCS. *St Mark's Hospital and Academic Institute, Imperial College, and Queen Elizabeth Hospital-Woolwich, London, U.K.*

Colon and Rectal Surgery PP225-M,T,W
Early Outcomes after Elective Colorectal Surgery in End-Stage Renal Disease (ESRD) vs. Non-ESRD Patients
 Isibor Arhuidese, MD, MPH; Mahmoud Malas, MD, MHS, FACS; Tammam Obeid, MD; Umair Qazi, MD, MPH; Nita Ahuja, MD, FACS; Jonathan E. Efron, MD, FACS. *Johns Hopkins Medical Institution, Baltimore, MD*

Surgical Education PP226-M,T,W
Overlearning Enhances Skill Retention in a Simulated Model of Laparoscopic Cholecystectomy
 Vincent Marcucci; Lawrence Greenawald, MD; Jorge L. Uribe, MD; Faiz U. Shariff, MD; D. Scott Lind, MD; Patricia A. Shewokis, PhD; Sharon Griswold, MD, MPH; Andres E. Castellanos, MD, FACS. *Drexel University College of Medicine, Philadelphia, PA*

Hepatobiliary and Pancreas PP227-M,T,W
Clinicopathological Examination of the Distal Bile Duct Cancer
 Goichi Nakayama, MD; Toru Hisaka, MD; Hiroyuki Horiuchi, MD, PhD; Hiroto Ishikawa; Shinji Uchida, MD, PhD; Okuda Koji, MD; Yoshito Akagi, MD, PhD. *Kurume University, Kurume University Medical Center, Japan*

Hepatobiliary and Pancreas PP228-M,T,W
Neutrophil-Lymphocyte Ratio Is Superior to Total Leukocyte in Predicting Severity, Pancreatic Necrosis and Organ Failure in Acute Pancreatitis
 Yushun Zhang, MD; Chong Yang, MD; Chunyou Wang, MD; Heshui Wu, MD. *Pancreatic Disease Institute, Union Hospital, Wuhan, China*

Hepatobiliary and Pancreas PP229-M,T,W
Prediction of Severe Acute Pancreatitis Using Decision Tree Model Based on Atlanta Classification of Acute Pancreatitis 2012
 Liming Dong, MD. *Union Hospital, Tongji Medical College, Huazhong University, Wuhan, China*

Plastic/Maxillofacial Surgery PP230-M,T,W
Wounds Outcompete Tumors for Neovascularization
 Michael S. Hu, MD, MPH; Zeshaan N. Maan, MB, BS, MRCS; Wan Xing Hong; Graham G. Walmsley; Robert C. Rennert, MD; David Atashroo, MD; Geoffrey C. Gurt-

ner, MD, FACS; Amato J. Giaccia; H. Peter Lorenz, MD; Michael T. Longaker, MD, MBA, FACS. *Stanford University School of Medicine, Stanford, CA, John A. Burns School of Medicine, University of Hawaii, Honolulu, HI*

Bariatric/Foregut

10-Year Outcomes after Roux-en-Y Gastric Bypass PP127-M

James H. Mehaffey, MD; Damien Lapar, MD; Kathleen Clement; Sierra J. Seaman; Florence E. Turrentine, PhD, RN; Michael Miller; Peter T. Hallowell, MD, FACS; Bruce D. Schirmer, MD, FACS. *University of Virginia Charlottesville, VA*

Endoscopic Intra-gastric Balloon: Two-Years Experience in a Day Care Setting PP126-M

Daniel A. Gomez, MD; Jesus Rodriguez, MD; Cesar Guevara, MD; Cristian Gomez, MD; Alejandro Quintero, MD. *Centro Médico Dalí Consultorio, Bogota, Colombia*

Excess Weight Loss Is Markedly Reduced in Hispanics Undergoing Bariatric Surgery: Outcomes in 2,002 Consecutive Hispanic Patients at a Single Institution PP125-M

Oscar K. Serrano, MD; Yang Zhang; Lindsay Cumella; Emily Kintzer; Nicole Ng, PharmD; Eduardo Sandoval, MD; Jenny J. Choi, MD; Pratt Vemulapalli, MD; W. Scott Melvin, MD; Diego R. Camacho, MD, FACS. *Montefiore Institute for Minimally Invasive Surgery and Albert Einstein College of Medicine, New York*

Gastric Reduction with Omental Ring in Rabbits—Technique Evaluation PP124-M

Mirla F. Diniz; Daniel C. Araújo; Sabrina P. Macedo; César P. Araujo; Marcelo M. Casagrande; Sávio L. Siqueira, MD. *Minas Gerais Medical Sciences College, Belo Horizonte, Brazil*

Incidence, Indications, and Risk Factors of Revisional Anti-Reflux Surgery at an Esophageal Center of Expertise: A 10-Year Experience PP123-M

Harit Kapoor; Shunsuke Akimoto, MD; Iván Emilio Rodríguez Hernández; Pradeep K. Pallati, MD; Kalyana C. Nandipati; Sumeet K. Mittal, MB, BS, FACS. *Creighton University Medical Center, Omaha, NE*

Indications and Outcomes of Patients Requiring Early Endoscopic Assessment after Laparoscopic Fundoplication PP122-M

Harit Kapoor; Shunsuke Akimoto, MD; Iván Emilio Rodríguez Hernández; Pradeep K. Pallati, MD; Kalyana C. Nandipati; Sumeet K. Mittal, MB, BS, FACS. *Creighton University Medical Center, Omaha, NE*

Management of Bleeding Complications after Bariatric Surgery PP116-M

Joel R. Brockmeyer, MD; Kara J. Kallies; Matthew T. Baker, MD, FACS; Brandon T. Grover, DO, FACS; Shanu N. Kothari, MD. *Gundersen Health System, La Crosse, WI*

Marginal Ulcer Development following Roux-en-Y Gastric Bypass PP117-M

David M. Fedor; Andrew D. Newton, MD; Kristoffel R. Dumon, MD; Goda E. Savulionyte; Michael H. Sprys; Jeffrey Rohrbach, MSN; Noel N. Williams, MD, FRCSI; Daniel T. Dempsey, MD, FACS. *Hospital of the University of Pennsylvania, Philadelphia*

Readmission Rates of Bariatric Procedures PP118-M

Raul J. Rosenthal, MD, FACS; Lisandro M. Montorfano, MD; Abraham Abdemur, MD; Ioannis K. Angelidis, MD; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS; Federico Perez Quirante, MD. *Cleveland Clinic Florida, Weston*

Underutilization of Bariatric Surgery in Obese Adolescent Minorities PP119-M

Kanika Bowen, MD; Jobayer Hossain, PhD. *Nemour's Children's Clinic, Jacksonville, FL, and Nemours Alfred I. DuPont Hospital for Children, Wilmington, DE*

Breast

Adverse Outcomes and Quality of Life Associated with Immediate Breast Reconstruction after Mastectomy in Washington State, 2011–2013 PP113-M

Meghan R. Flanagan, MD; Danielle Lavalley, PharmD, PhD; Shannon M. Colohan, MD; David R. Flum, MD, MPH; Sara Javid, MD. *University of Washington, Seattle, WA*

Aesthetics and Patient Reported Outcomes following Microsurgical Breast Reconstruction after Nipple-Sparing Mastectomy PP112-M

Eliana F.R. Duraes, MD; Paul Durand, MD; Megan Morisda; Todd A. Baker, MD; Steven Rueda, MD; Risal Djohan, MD; Andrea Moreira, MD; Steven Bernard, MD; Joao Batista de Sousa, MD, PhD; Anna N. Miller, MD, FACS. *Cleveland Clinic, OH and University of Brasilia, Brazil*

Breast Reconstruction in Patients with Unilateral Breast Cancer Who Choose Contralateral Prophylactic Mastectomy—An Assessment of Postoperative Morbidity PP111-M

Adeyiza O. Momoh, MD; Wess Cohen, MD; Kelley M. Kidwell, PhD; Jennifer B. Hamill, MPH; Andrea L. Pusic, MD, FACS; Edwin G. Wilkins, MD; Evan Matros, MD, FACS. *University of Michigan, Ann Arbor, and Memorial Sloan Kettering Cancer Center, New York, NY*

Clinicopathologic Predictors of MRI Utilization in Newly Diagnosed Breast Cancer Patients PP110-M

Anyia M. Romanoff, MD; Matthew McMurray; Parissa Tabrizian, MD; Christina Weltz, MD, FACS; Kathryn Friedman; Monica Schwartzman; Laurie Margolies, MD, FACR; Elisa R. Port, MD, FACS; Hank Schmidt, MD, PhD, FACS. *Mount Sinai Medical Center, New York, NY*

Discordance of Biomarkers between Primary Breast Cancer and Synchronous Axillary Node Metastasis; Pilot Study PP109-M

Kosho Yamanouchi, MD, PhD; Hiroko Kinoue; Sayaka Kuba; Naomi Hayashida, MD, PhD; Fusako Kawakami; Chika Sakimura; Fumihiko Fujita, MD, FACS; Tamotsu Kuroki, MD, PhD, FACS; Susumu Eguchi, MD, FACS; Kengo Kanetaka, MD, PhD, FACS. *Nagasaki University Graduate School of Biomedical Sciences, Japan*

Effect of Autophagy Inhibitor, Chloroquine in Triple Negative Breast Cancer through Mitochondrial Damage PP108-M

Diana H. Liang, MD; Dong Soon Choi, PhD; Benny A. Kaipparettu, PhD; Jenny C. Chang, MD. *Houston Methodist Research Institute and Baylor College of Medicine, TX*

Factors Predictive of Aborted Intraoperative Breast Radiation Using the Intrabeam System PP100-M

Lesly A. Dossett, MD, MPH, FACS; Andrea Abbott, MD; Weihong Sun, MD; Roberto Diaz, MD, PhD; Loretta Loftus, MD; M. Catherine Lee, MD; Christine Laronga, MD, FACS. *Moffitt Cancer Center, Tampa, FL*

Impact of Tumor Receptor Status on Surgical Treatment of Breast Cancer: A Propensity-Matched Analysis of the National Cancer Database PP101-M

Lauren M. Hricik; Corrine M. Blumling, MD; James T. Dove; Joseph A. Blansfield, MD, FACS; Rosemary Leeming, MD; Tania K. Arora, MD; Halle B. Ellison, MD; Marie A. Hunsinger, RN; Mohsen Shabahang, MD, FACS. *Geisinger Medical Center, Danville, PA*

Increased Lymph Node Removal Is Associated with Improved Survival in T1-2, N1, ER Positive Breast Cancer PP102-M

Huan Yan; Danielle M. Hari, MD; Nariman Nassiri, MD; Christine E. Dauphine, MD, FACS; Bruce E. Stabile, MD, FACS; Amy H. Kaji, MD, PhD; Junko Ozao-Choy, MD. *Harbor-University of California and Los Angeles Medical Center, Torrance, CA*

Intraoperative 2D Specimen Mammography (IO-2DSM) and Its Utility in Breast Conserving Surgery (BCS) for Breast Cancer PP103-M

Parth K. Shah, MB, BS; Caitlin R. Loeth; Edibaldo Silva, MD, PhD, FACS. *University of Nebraska Medical Center, Omaha*

Surgical Biopsy after Core Biopsy for Mammographic Breast Abnormalities: Does It Change Diagnosis? PP104-M

Naureen Iqbal, MB, BS; James T. Dove; Marie A. Hunsinger, RN, BSHS; April M. Morgan, MEd; Joseph A. Blansfield, MD, FACS. *Geisinger Medical Center, Danville, PA*

Cardiac Surgery

Lung Cancer Screening in a Community Setting: Medicare Patients Have Similar Outcomes to Younger Patients PP107-M

Chris Baling, MD; Julia C. Tolentino; T. Javier Birriel, MD; Raffaele J. Marchiagiani, MD; Victoria Gilbert; William Burfeind, MD; Andrew E. Halpern, MD; Matthew Puc, MD. *St. Luke's Bethlehem University, PA*

Perioperative Use of Extracorporeal Membrane Oxygenation in Patients Undergoing Thoracic Surgery PP105-M

Jun Suzuki, MD; Hiroaki Kato, MD, PhD; Yukiko Tabata, MD; Masaru Abe, MD; Yoshiaki Y. Narita, MD, PhD; Nobuichi Kashimura, MD, PhD; Ryushi Maruyama, MD, PhD. *Teine Keijinaki Hospital, Sapporo, Japan*

Quantitative Assessment of Coronary Artery Bypass Grafting via HyperEye Medical System Angiography PP106-M

Masaki Yamamoto, MD, PhD; Miwa Tashiro, MD; Takasi Fukutomi, MD; Takemi Handa, MD, PhD; Nobuo Kondo, MD; Takayuki Sato, MD, PhD; Kazumasa Orihashi, MD, PhD. *Kochi Medical School, Nankoku, Japan*

Colorectal Surgery

30-Day Mortality after Elective Colorectal Surgery Can Reasonably Be Predicted PP183-M

Alice CA. Murray, MB, BS; Christine Mauro, PhD; Jessica S. Rein; Ravi P. Kiran, MD. *New York Presbyterian, Columbia University, New York, NY*

A Combined Medical and Surgical Approach Improves Healing of Septic Perianal Crohn's Disease PP182-M

Christine S. Choi, MD; Arthur Berg, PhD; Evangelos Messaris, MD, PhD, FACS; Walter A. Koltun, MD, FACS, FASCRS. *Penn State Hershey Medical Center*

A Discharge Navigation Program: The Positive Impact of Facilitating the Hospital Discharge Process PP181-M

Sayeh Bozorghdad; Leah Scholtis, MEd; Chung-Yin Sherman; James T. Dove; Joseph A. Blansfield, MD, FACS; Marie A. Hunsinger, RN; Anthony T. Petrick, MD, FACS; William E. Strodel III, MD, FACS; Mohsen Shabahang, MD, FACS. *Geisinger Medical Center, Danville, PA*

A Propensity Score Matched Study of Laparoscopic and Open Surgery for Colorectal Cancer PP180-M

Toshihiro Nakao, MD, PhD; Mitsuo Shimada, MD, FACS; Jun Higashijima; Kozo Yoshikawa, MD, FACS; Daisuke Wada, MD; Hiroshi Okitsu; Toshiyuki Yagi; Hidenori Miyake; Mitsutoshi Fukuyama, MD, PhD; Murato Miura, MD. *University of Tokushima, Japan*

Adenosquamous Carcinoma of the Colon and Rectum: A Population-Based Clinical Outcomes Studies Involving 578 Patients from the Surveillance Epidemiology and End Result Database (1973–2010) PP179-M

Joseph A. Di Como, MD; Krishnaraj Mahendraraj, MD; Christine SM. Lau, MD; Ronald S. Chamberlain, MD, MPA, FACS. *Saint Barnabas Medical Center, Livingston, NJ*

Anorectal Tuberculosis in the Biologic Therapy Era PP178-M

Juan S. Contreras, MD; Miguel Blas-Franco, MD, FACS; Miguel Pichardo-Farfan, MD; Brisa D. Palomino-Martinez, MD; E Moras-Caña, MD. *Instituto Mexicano Del Seguro Social, Mexico City*

Can We Predict Anastomotic Leak and Ileus in Patients Undergoing Colectomy? An Updated ACS NSQIP® Analysis of 11,313 Patients PP170-M

Jennifer W. Harris, MD; Daniel L. Davenport, PhD; Jitesh A. Patel, MD. *University of Kentucky, Lexington*

Colon and Rectal Surgeons: Raising the Endoscopy Bar PP171-M

Jacquelyn M. Charbel; Amir L. Bastawrous, MD, MBA, FACS; Daniel Froese, MD; Melinda Hawkins, MD; Rodney Kratz, MD; Raman Menon, MD; Darren R. Pollock, MD; Kevin C. Long, MD. *Swedish Medical Center, Seattle, WA*

Coleorectal Cancer in Low- and Middle-Income Countries, Example of Ukrainian Paradox PP172-M

Nelya Melnitchouk, MD; Galyna Shabat, MD, PhD; Maria Traa, MD; Ronald Bleday, MD. *Brigham and Women's Hospital, Boston, MA, and Ivano-Frankivsk National Medical University, Ukraine, and Tufts Medical Center, Boston, MA*

Common Side Closure Type but Not Stapler Brand or Oversewing Influences Side-to-Side Anastomotic Leak Rates PP173-M

Vidhyaratna A. Fleetwood, MD; Kristin Gross, MD; Gillian C. Alex, MD; Chandler S. Cortina, MD; Jill B. Smolevitz, MD; Shravan Sarvepalli; Saaquib R. Bakhsh; Jonathan A. Myers, MD, FACS; Marc A. Singer, MD, FACS; Bruce A. Orkin, MD, FACS. *Rush University Medical Center, Chicago, IL*

Contemporary Management of Anastomotic Leak after Colon Surgery: Assessing the Need for Reoperation PP174-M

Zhobin Moghadamyeghaneh, MD; Mark H. Hanna, MD; Joseph C. Carmichael, MD, FACS; Steven Mills, MD, FACS; Alessio Pigazzi, MD, FACS; Michael J. Stamos, MD, FACS, FASCRS. *University of California, Irvine*

Effect of Surgical Approach on Venous Thromboembolism in Inflammatory Bowel Disease Patients PP169-M

Deborah S. Keller, MD; Sean J. Langenfeld, MD, FACS; Daniel E. Lomelin, MPH; Dmitry Oleynikov, MD, FACS; Eric M. Haas, MD, FACS, FASCRS. *Coleorectal Surgical Associates, Houston, TX, and University of Nebraska Medical Center, Omaha, NE*

Emergency vs. Bridge Surgery for Obstructive Right Sided Colon Cancer: Multicenter Retrospective Study PP168-M

Hyun Jong Kang, MD; Bonghyeon Kye; Hyung Jin Kim; Yoon Suk Lee; Jun-Gi Kim; Seong-Taek Oh, MD; Won Kyung Kang; In Kyu Lee; Chang-Hyuck Ahn; Jong Kyung Park. *College of Medicine, The Catholic University of Korea, Seoul, South Korea*

Hemorrhoid Treatment with THD Method PP167-M

Afshin Heydari, MD; Enrico Merolla, MD; Reza Fazl Alizadeh, MD; Simona Giuratrabocchetta, MD; Micaela Piccoli, MD; Gianluigi Melotti, MD, FACS. *Nuovo Ospedale Civile S. Agostino-Estense, Modena, Italy*

IgG4+ Plasma Cells in IBD: True Biomarker or Nonspecific Marker of Inflammation? PP166-M

Elizabeth He, MD; Timothy Witalka; Matthew Hoscheit; N. Valluru, MD; Xianzhong Ding, MD; Dana M. Hayden, MD. *Loyola University Medical Center, Maywood, IL*

Impact of an ERAS Program on Clinical Outcomes and Institutional Costs in Elective Laparoscopic and Open Coleorectal Resections PP165-M

Carlo V. Feo, MD, FACS; Mattia Portinari, MD; Simona S. Ascanelli, MD; Simone Targa, MD; Elisabete Maria Dos Santos Valgode, RN; Barbara Bonvento, PhD; Emidia Vagnoni, PhD; Stefano Camerani, MD; Marco Verri, MD; Carlo Alberto Volta, MD. *S. Anna University Hospital and University of Ferrara, Italy*

Intestinal Microperfusion Patterns during Coleorectal Resection: Preliminary Results of 34 Patients PP 164-M

Henry Hoffmann, MD; Tarik Delko; Marko Kraljevic; Juliane Schäfer, PhD; Christoph Kettelhack, MD. *University Hospital Basel, Switzerland*

Laparoscopic Restorative Proctocolectomy with Ileal Pouch Anal Anastomosis Reduces Time to Conceive PP156-M

Erman Aytac; I. Emre Gorgun, MD, FACS; Giovanna DaSilva; Jeffrey M. Goldberg, MD; Luca Stocchi, MD, FACS; Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCS(Ed); Feza H. Remzi, MD, FACS, FASCRS. *Cleveland Clinic, OH and Weston, FL*

Laparoscopic vs. Open Hartmann's Reversal: A Case-Matched Study PP157-M

Akin Onder, MD; I. Emre Gorgun, MD, FACS; Meagan M. Costedio, MD, FACS; Hermann P. Kessler, MD, PhD, FACS; Luca Stocchi, MD, FACS; Feza H. Remzi, MD, FACS, FASCRS. *Cleveland Clinic, OH*

Minimally Invasive Surgery for Inflammatory Bowel Disease: Nationwide Evaluation of Use and Outcomes PP158-M

Deborah S. Keller, MD; Reena N. Tahirramani, MD; Nisreen Madhoun, DO; Juan R. Flores-Gonzalez, MD; Sergio H. Ibarra, MD; Jaideep S. Sandhu, MB, BS; Lisa M. Haubert, MD; Eric M. Haas, MD, FACS, FASCRS. *Coleorectal Surgical Associates and University of Texas Medical School at Houston, TX*

Multispecialty Robotic Surgery—A Team**Approach**

PP159-M

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Neutrophil Lymphocyte Ratio vs. Total Leukocyte Count as a Predictor of Adverse Outcomes in Clostridium**Difficile-Associated Diarrhea (CDAD)**

PP160-M

Aisha S. Chaudhry, MD, MRCS; Basem N. Azab, MB, BCh; Joseph T. McGinn, MD; Scott W. Bloom, MD, FACS, FRCSC. *Staten Island University Hospital, NY*

Operative Management of Diverticulitis in a**Tertiary Care Center**

PP161-M

David R. Rosen, MD; Grace S. Hwang, MD; Glenn T. Ault, MD, FACS; Adrian E. Ortega; Kyle G. Cologne, MD. *University of Southern California, Los Angeles*

Outcomes of Composite Sacral Resection for**Advanced Primary and Recurrent Rectal Cancer**

PP155-M

Ahmet Rencuzogullari, MD; I. Emre Gorgun, MD, FACS; David W. Dietz, MD, FACS; Matthew F. Kalady, MD, FACS; Luca Stocchi, MD, FACS; Ian C. Lavery, MD, FACS; Feza H. Remzi, MD, FACS, FASCRS. *Cleveland Clinic, OH*

Pregnancy Outcomes in Patients Who Had Prior**Bowel Resection for Crohn's Disease**

PP154-M

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Prognosis of Young Patients with Colorectal**Cancer**

PP153-M

Joselin L. Anandam, MD, FACS; Samuel Kirkendall, MD; Marissa L. Anderson, MD; Farshid Y. Araghiadeh, MD, FACS; Abier Abdelnaby, MD; Craig Olson. *University of Texas Southwestern Medical Center and Parkland Memorial Hospital, Houston*

Rapid Eye Movement-Sleep Is Reduced in Patients**with Uncomplicated Diverticulitis**

PP152-M

Chenxi Huang, MD; Mahdi Alamili, MD, PhD; Claus Henrik Nielsen; Jacob Rosenberg, MD, FACS; Ismail Gögenur, Professor, MD, DMSci. *Køge University Hospital and Herlev University Hospital, Denmark*

Right-Sided Temporary Loop Colostomy: A Simple**and Safe Alternative to Protective Loop Ileostomy after Low Rectal Anastomosis.**

PP151-M

Elissaios Kontis, MD; Nikolaos Perrakis, MD; Valeri Politidis, MD; Christos Maniatis, MD; Konstantinos Ntatsis, MD; Iakovos N. Nomikos, MD, FACS. *Metaxa Cancer Hospital of Piraeus and Greece Aretaieion Hospital, Athens, Greece*

Robotic Colectomy vs. Laparoscopic Colectomy:**A Cost-Benefit Analysis**

PP150-M

Anastasia Postoev; Jane Chung; Asia Filatov; Ladoris Latin; Angel Farinas; Christian X. Cruz Pico, MD; Angelina Postoev, MD, FACS; Christopher Ibikunle; Aliu Sanni, MD. *Caribbean Medical University, Chicago, IL, and University of Georgia-Georgia Regents University Partnership Georgia Surgicare, Loganville*

Robotic vs. Conventional Laparoscopic Rectal**Cancer Surgery in Obese Patients**

PP142-M

Volkan Ozben, MD; Emre Gorgun, MD, FACS; Meagan M. Costedio, MD, FACS; Hermann P. Kessler, MD, PhD, FACS; Luca Stocchi, MD, FACS; Matthew F. Kalady, MD, FACS; Feza Remzi, MD, FACS, FASCRS. *Cleveland Clinic Foundation, OH*

Severe Complications Related to Central Vascular**Resection—Complete Mesocolic Resection vs.****Traditional Resection**

PP143-M

Anders Kirkegaard-Klitbo; Ismail Goegenur, MD, DMSci.; Claus Anders Bertelsen, MD. *University Hospital Koege and University Hospital Hilleroed, Denmark*

Stoma Education with Video Instructions: Comparison**of Hospital Readmission, Postoperative Complications, and Patient Satisfaction**

PP 144-M

Kristin C. Turza, MD; Shauna Lorenzo-Rivero, MD. *University of Tennessee College of Medicine, Chattanooga*

Survival of Apical Node-Positive Dukes C**Colorectal Cancers According to the Number of****Metastatic Lymph Nodes and the Lymph Node****Ratio: A Single Institution Series**

PP145-M

Gianpiero Gravante, MD; Mohamed Elshaer, MD; Rupert Parker, MD; Adimabua Christopher Mokekwu, MD; Saleem El-Rabaa, MB, BCh, FRCSEng. *Kettering General Hospital, UK*

The Downside of Conservative Therapy: How Delay**in Operative Intervention in Acute Diverticulitis****Affects Outcomes**

PP146-M

Michael J. Minarich, MD; Francis R. Spitz, MD, FACS; Steven McClane, MD. *Cooper University Hospital, Camden, NJ*

Transanal Excision for T2 or Greater Rectal Cancer Has**Favorable Outcomes: A Retrospective Analysis**

PP 147-M

Jesse Guardado, MD; Ashley Danicic; James P. Ce-lebrezze, Jr., MD, FACS; David S. Medich, MD, FACS; Jennifer Holder-Murray, MD. *University of Pittsburgh Medical Center, PA*

Transanal Natural Orifice Specimen Extraction**(NOSE) in Laparoscopic Colorectal Surgery Is****Feasible and Safe**

PP148-M

James Ngu, MB, BS, MMed, FRCS (Edin); Andrew Siang-Yih Wong, MD. *Changi General Hospital, Singapore*

Critical Care

Abdominal Paracentesis Drainage Down-Regulates**Inflammatory Response with Few Clinical Benefits in****Patients Attacked by Severe Acute Pancreatitis**

PP107-W

Shanmiao Gou, MD, PhD; Heshui Wu, MD; Chunyou Wang, MD. *Union Hospital, Wuhan, China*

Adding Polyethylene Glycol When Treating Hepatic Encephalopathy

PP102-W

Ara Ko, MD, MPH; Andrea Zaw, MD; Beatrice J. Sun; Tong Li; Alagappan Annamalai, MD; Eric Chen; Sogol Ashrafian; Galinos Barmparas; Eric J. Ley, MD, FACS; Rex Chung, MD. *Cedars-Sinai Medical Center, Los Angeles, CA*

Organ Dysfunction and Failure Does Not Preclude Successful Donation following Brain Death

PP103-W

Eno-Obong Essien; Jennifer Gutwald Miller, MD; Tyree O. Nutter, RN; Thomas M. Scalea, MD, FACS; Deborah M. Stein, MD, MPH, FACS, FCCM. *R Adams Cowley Shock Trauma, University of Maryland Medical Center, Baltimore, MD*

Soft-Tissue Oxygen Saturation Predicts Risk of Mortality but Not Intensive Care Unit Admission

PP104-W

Biniam Kidane, MD; Sami A. Chadi, MD; Suzana Buac, MD; Anthony Di Labio, MD; Fran Priestap, MSc; John M. Murkin; Tina S. Mele, MD, FACS. *Western University and London Health Sciences Centre, ON*

The Need for Nutritional Support after Cardiac Surgery Is Predictable Using a Novel Risk Score

PP105-W

Rika Ohkuma, MD; Arman Kilic, MD; Patricia M. Brown, RD; Justin D. Wood, RD; Marc S. Sussman, MD; Glenn J. Whitman, MD, FACS. *Johns Hopkins Hospital, Baltimore, MD*

Watchful Eye or Ineffective Nuisance—Do Automated MEWS Systems Incorporating End-Tidal Capnography Provide Effective Extended Coverage or More False Alarms?

PP106-W

Joseph M. Blankush; Robbie Freeman, RN; Joy McIlvaine, RN; Trung L. Tran, MD; Stephen J. Nassani, MPA; Cathy Sullivan; I. Michael Leitman, MD, FACS. *Icahn School of Medicine at Mount Sinai, New York, NY*

Education

Application of the h-index in Determining the Influence of Fellowship Training on Research Productivity in Academic Plastic Surgery

PP169-W

Aditya Sood, MD, MBA; Paul J. Therattil, MD; Stella Chung; Edward S. Lee, MD. *Rutgers University, New Jersey Medical School, Newark*

Choosing Surgery: Identifying Factors Leading to Increased General Surgery Matriculation Rate

PP168-W

David T. Pointer, MD; Douglas P. Slakey, MD, FACS; Matthew Freeman; Peter C. Meade, MD, MPH, FACS; Bernard M. Jaffe, MD, FACS; James R. Korndorffer, Jr., MD, MHPE, FACS. *Tulane University School of Medicine, New Orleans, LA*

Does Gender Matter in Publication Productivity among Colorectal Surgeons Participating in Fellowship Training Programs?

PP167-W

Cristina N. Budde, MD; Katherine A. Kelley, MD; Kyle Hart; Karen E. Deveney, MD, FACS; Sarah Diamond,

MD; Charles R. Thomas, MD; Brintha K. Enestvedt, MD; V. Liana Tsikitis, MD, MCR, FACS, FASCRS. *Oregon Health and Science University, Portland, OR*

Erasing Gender: Exploring the Experience of Women Navigating a Career in Surgery

PP166-W

Natashia M. Seemann, MD; Fiona Webster, PhD; Jennifer L. Christian; Tulin Cil, MD, MEd, FRCSC. *University of Toronto, ON*

Evaluation of Current Practices for Trainee Exposure to Laparoscopic Gastric Surgery for Cancer in a Large University Center

PP165-W

Andras B. Fecso, MD; Esther M. Bonrath, MD; Teodor P. Grantcharov, MD, FACS. *St. Michael's Hospital and University of Toronto, ON*

General Surgery Training Takes Time: The Impact of Academic Hospitals on Time Spent in the Operating Room

PP164-W

Kelly N. Vogt, MD; Luc Dubois, MD, FRCSC; J Andrew McClure; Jennifer Winnick-Ng, PhD; Blayne Welk, MD, FRCSC; Ken Leslie, MD, FRCSC; Michael C. Ott, MD, FACS; Chris Vinden, MD, FRCSC. *Western University, London Health Sciences Centre London, ON and the Institute for Clinical and Evaluative Sciences, Toronto, ON*

Is It Safe? Early Exposure of the Residents to Laparoscopy-Assisted Distal Gastrectomy as a Primary Surgeon

PP163-W

Wataru Fujii; Hiroshi Kusanagi; Nobuyasu Kano, MD, FACS, PhD. *Kameda Medical Center, Kamogawa, Japan*

National Perception of Service and Education during Surgical Training

PP156-W

Kimberly M. Hendershot, MD, FACS; Randy J. Woods, MD, FACS; Priti Parikh, PhD; Melissa L. Whitmill, MD, FACS; Melissa Keller. *Wright State University Boonshoft School of Medicine, Dayton, OH*

Peer Resident Assessment in Surgical Education: Is It Equivalent to Expert Attending Assessment?

PP157-W

Melissa K. Stewart, MD; Carmelle V. Romain, MD; Arna Banerjee, MD, FCCM; Li Wang; Andrew J. Murphy, MD; Kevin W. Sexton, MD; Lynn E. Webb, PhD; Kyla P. Terhune, MD, FACS. *Vanderbilt University Medical Center, Nashville, TN*

Prehospital Trauma Care Education for First Responders in Rajasthan, India: A Multi-Institutional Study

PP158-W

Gieric Laput; Apoorva Aekka; Michael V. Hollis; Elizabeth Boudiab; Rohit Abraham, MAT; Harshadha Purohit; Arpita K. Vyas; Dinesh Vyas. *Michigan State University, College of Human Medicine, East Lansing, MI*

Resident Participation Is Associated with Longer Operative Time and Higher Postoperative Morbidity in Open Vascular Surgery Cases

PP159-W

Hassan Aziz; Bernardino C. Branco, MD; John D. Hughes, MD; Valentine N. Nfonsam, MD; Joseph L. Mills, Sr., MD. *Banner University, Tucson, AZ*

Successful Integration of Military Tactical Requirements into a Civilian Training Paradigm: Advanced Trauma Life Support®—Operational Emphasis PP160-W

Travis M. Polk, MD, FACS; Zsolt T. Stockinger, MD, FACS; Matthew J. Martin, MD, FACS; Kirby R. Gross, MD, FACS; Jeffrey A. Bailey, MD, FACS. *Naval Medical Center Portsmouth, VA, Joint Trauma System, TX and the Madigan Army Medical Center, Tacoma, WA*

Surgical Skills Curricula in ACS-Accredited Education Institutes PP161-W

Iman Ghaderi, MD; Shima Fitzgibbons; Yusuke Watanabe, MD; Alexander S. Lachapelle; John T. Paige, MD, FACS. *University of Arizona, Tucson, Georgetown University Hospital, Washington, DC, and McGill University, Montreal, QC*

What Are the Barriers to Hiring and Promoting Women in Surgery? PP160-W

Alison M. Fecher, MD, FACS; Nakul Valsangkar, MD; Grace S. Rozycki, MD, FACS; Casi Blanton; Julie A. Freischlag, MD, FACS; Teresa M. Bell, PhD; Teresa Zimmers, PhD; Leonidas G. Koniaris, MD, MBA, FACS. *Indiana University and Purdue University, Indianapolis*

Endocrine

Combination of MEK and Proteasome Inhibitor Synergistically Induces Cell Cycle Arrest and the Inhibition of Cell Growth and Migration PP183-W

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Demographics and Disparities in Sub-Sternal Goiters in the U.S.: A Distinct Entity PP182-W

Ambria S. Moten, MD; Dylan P. Thibault; Allison W. Willis, MD; Alliric I. Willis, MD. *Temple University School of Medicine and University of Pennsylvania, Philadelphia*

Does the Presence of an Anti-TPO Antibody Predict Clinical Hypothyroidism or Thyroiditis on Pathology? PP181-W

Kun-Tai Hsu, MD; Herb Chen, MD, FACS; David F. Schneider, MD, FACS; Rebecca S. Sippel, MD, FACS. *University of Wisconsin School of Medicine and Public Health, Madison*

Gene Expression Classification of Indeterminate Thyroid Nodules PP180-W

Neil D. Saunders, MD; Jennifer Sipos, MD; Lawrence A. Shirley, MD; John E. Phay, MD, FACS. *Ohio State University Medical Center, Columbus*

In Vitro Generation of Hormone-Releasing Ovarian Follicular Structures PP179-W

Sunyoung Joo, MD; Sophia Crowell; Kathryn S. Crowell; Sittadjody Sivanandane, PhD; John D. Jackson, PhD; Emmanuel C. Opara, PhD; James Yoo, MD, PhD;

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Incidental Aldosteronomas: Opportunities for Improving Care PP178-W

Lindsay Kuo, MD; Heather Wachtel, MD; Robert E. Roses, MD; Douglas L. Fraker, MD, FACS; Rachel R. Kelz, MD, MSCE, FACS. *Hospital of the University of Pennsylvania, Philadelphia*

Parathyroidectomy in Dialysis Patients: What Is the Risk? PP170-W

Jamie Anderson, MD; Michael J. Campbell, MD. *University of California-Davis Medical Center, Sacramento*

Should 4DCT Replace Sestamibi as a Primary Localization Modality in Primary Hyperparathyroidism? PP171-W

Lucia De Gregorio, MD; Carrie C. Lubitz, MD, FACS; George J. Hunter, MD; Richard A. Hodin, MD, FACS; Randall D. Gaz, MD; Sareh Parangi, MD; Antonia E. Stephen, MD, FACS. *Massachusetts General Hospital, Boston*

Should Normotensive Pheochromocytoma Patients Be Put on Alpha-Blockade before Surgery? PP172-W

Navneet Tripathi; Amit AA. Agarwal, MB, BS, FACS; Punit Goyal, MD, DM; Sushil Gupta, MD. *Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow, India*

The Evolution of Parathyroid Carcinoma in the U.S.: Increased Incidence and Improved Survival PP173-W

Natalie Calcaterra, MD; Yahya Daoud; Keith M. Cavanaugh, DO, FACS; Scott A. Celinski, MD; John T. Preskitt, MD; Christine S. Landry, MD, FACS. *Baylor University Medical Center, Dallas, TX*

The Final Intraoperative Parathyroid Hormone Level: Examining the Effect on Outcomes PP174-W

Tyler W. Chan, MD; Salman Zaheer, MD; Lindsay Kuo, MD; Rachel R. Kelz, MD, MSCE; Douglas L. Fraker, MD, FACS. *University of Pennsylvania and Drexel University, Philadelphia, PA*

Transoral-Vestibule Endoscopic Thyroidectomy: A Novel Surgical Approach with Three-Year Experience PP175-W

Wah Yang, MD; Cunchuan Wang, MD, PhD; Jinyi Li, MD; Jingge Yang, MD. *First Affiliated Hospital of Jinan University, Guangzhou, China*

General Surgery

Are They Too Old for Surgery? Safety of Elective Cholecystectomy in Nonagenarians PP198-M

Busayo B. Irojah, MD. *York Hospital, PA*

Delivery of Bacillus licheniformis Increases Incidence of Necrotizing Enterocolitis in a Rat Model PP199-M

Gene E. Jang; Joanna C. Lim, MD; Anatoly V. Grishin, PhD; Henri R. Ford, MD, FACS. *Children's Hospital Los*

Angeles and Keck School of Medicine of the University of Southern California, CA

Determination of Appropriate Timing for Intra-Abdominal Mesh Placement after Incidental Enterotomy in a Rodent (*Rattus norvegicus*) Model PP200-M

Kathryn B. Muir, MD; Charles P. Smoot, DO; Jennifer L. Viera, MD; Maxwell R. Sirkin, MD; Brian Yoon, DO; Julia Bader, PhD; Rebecca Smiley; Danielle B. Holt, MD, FACS; Luke J. Hofmann, DO. *William Beaumont Army Medical Center, El Paso, TX*

Effects of Polypropylene Mesh in Testis and Duct Deferens in Rats: A Comparative Study of Two Approaches PP201-M

Edivaldo M. Utiyama, MD; Sergio H. Damous, MD; Jocielle S. Miranda, MD; Felipe Hada Sanders, MD; Maisa H. Pardo; Edna FS. Montero, MD, PhD; Luciana L. Damous; Claudio Birolini, MD. *Clinics Hospital of University of Sao Paulo, Brazil*

Efficacy of Artificial Pneumothorax in Thoracoscopic Esophagectomy Performed for Esophageal Cancer with the Patient in the Left Lateral Position PP202-M

Koji Otsuka, MD, PhD; Masahiko Murakami, MD, PhD; Tomotake Ariyoshi, MD; Satoru Goto, MD, PhD; Masahiko Kohmoto, MD; Takeshi Yamashita; Akira Fujimori, MD, PhD; Makoto Watanabe, MD; Takeshi Aoki, MD, PhD. *Showa University Hospital, Tokyo, Japan*

Expression of DNT Cells in Pancreatic Cancer and Anti-Tumor Efficacy via TRAIL-Receptors: DR4 and DR5 PP203-M

Jiong Chen, MD; Yue Zhao, NP; Renbao Yang, MD; Hong Xu; Xingxing Zhu. *National Natural Science Foundation of China, Beijing*

Gastrointestinal Tract Construction Using Magnamosis in Rat PP204-M

Xiaopeng Yan, PhD; Qiang Lu; Fei Xue, PhD; Jing Zhang, MD; Dinghui Dong; Da Zhang; Jigang Bai; Yi Lv. *Xi'an Jiaotong University, Xi'an, China*

Intraoperative Exercises during Surgery: Surgical Trainees Rating of Performance and Disruption PP211-M

Amro M. Abdelrahman, MB, BS; Bethany R. Lowndes; Denny Yu, PhD; Julianne Bingener, MD, FACS; Adrian E. Park, MD, FACS; Adam C. Bartley; M. Susan Hallbeck, PhD. *Mayo Clinic Rochester, MN, and Anne Arundel Health System, Annapolis, MD*

Intraoperative Spatial Frequency Domain Image-Guided Evaluation of Bowel Ischemia PP197-M

Christina R. Vargas, MD; Joseph Angelo; Bernard T. Lee, MD, MBA, MPH, FACS; Sylvain Gioux, PhD. *Beth Israel Deaconess Medical Center, Boston, MA*

Introduction of the Transversus Abdominis Release into Practice: Expectations for the Learning Curve PP196-M

David M. Krpata, MD; Ajita S. Prabhu, MD. *University Hospitals Case Medical Center, Cleveland, OH*

Laparoscopic Appendectomy Protocol Expedites Management of Uncomplicated Acute Appendicitis PP195-M

Joseph A. Ibrahim, MD, FACS; Alvaro M. Bada, MD; Andrew C. Gratzon, MD; Karen Safcsak, RN; Chadwick P. Smith, MD, FACS; Michael L. Cheatham, MD, FACS. *Orlando Regional Medical Center, FL*

Local Effect of Lidocaine as an Adjuvanted Prophylactic Factor of Surgical Site Infection in Cholecystectomy PP194-M

Abraham Solis, MD; Efren Flores, MD; Jose Cruz De la Torre, MD. *Centenario Hospital Miguel Hidalgo and Hospital General Tercer Milenio, Aguascalientes, Mexico*

Needlescopic Cholecystectomy, a Feasible Approach for Gallbladder Disease in All Patients? Texas Endosurgery Institute Experience PP193-M

Montserrat Guraieb-Trueba, MD; Jose A. Diaz-Elizondo, MD; Eduardo A. Flores-Villalba; Jeffrey L. Glass, MD, FACS; Morris E. Franklin, Jr., MD. *Texas Endosurgery Institute, San Antonio, TX and Instituto Tecnológico y de Estudios Superiores Monterrey, Mexico*

Novel Implantable Optical Oxygen Monitor to Detect Flap Viability PP192-M

Mohamed M. Ibrahim, MD; Zi Jun Wu; Bruce Klitzman, PhD. *Duke University Medical Center, Durham, NC*

Postoperative Care Using a Secure Online Patient Portal: Changing the (inter)Face of General Surgery PP191-M

Kristy L. Kummerow, MD; Omobolanle Oyefule; Sharon E. Phillips, MSPH; Rebeccah B. Baucom, MD; Michael D. Holzman, MD, MPH, FACS; Kenneth W. Sharp, MD, FACS; Richard A. Pierce, MD, PhD, FACS; William H. Nealon, MD, FACS; Benjamin K. Poulouse, MD, MPH, FACS. *Vanderbilt University Medical Center, Nashville, TN*

Predictors of Positive Blood Cultures in the Evaluation of Postoperative Fever PP184-M

Libby R. Copeland-Halperin, MD; Heather A. Prentice, PhD, MPH; Jeffrey M. Wright, MPH; Jonathan M. Dort, MD, FACS. *Inova Fairfax Hospital, Falls Church, VA*

Repeat Readmission following Major Surgery among Patients with Employer-Provided Health Insurance PP185-M

Yuhree Kim, MD, MPH; Gaya Spolverato, MD; Aslam Ejaz, MD, MPH; Eric B. Schneider, PhD; Joseph K. Canner, MHS; Stefan Buettner; Li Xu, MD; Timothy M. Pawlik, MD, FACS. *Johns Hopkins University School of Medicine, Baltimore, MD*

Surgical Apgar Score Predicts Perioperative Morbidity and Length of Stay in Patients Undergoing Esophagectomy at a High-Volume Center PP186-M

Andrew B. Morgan; Andrea Irizarry, MD; Nathaniel R. Evans, MD, FACS, FCCP; Benjamin E. Leiby, PhD; Karen A. Chojnacki, MD, FACS; Ernest L. Rosato, MD, FACS; Adam C. Berger, MD, FACS. *Thomas Jefferson University, Philadelphia, PA*

The Effect of Tramadol on Diagnostic Confidence and Pain Reduction in Adult Patients with Right Lower Quadrant Pain: A Double Blind Randomized Control Trial PP187-M

Johann Paulo S. Guzman, MD; Nilo C. Delos Santos, FACS; Omar O. Ocampo, MD. *East Avenue Medical Center, Quezon City, Philippines*

The Rise of the Machines: Examining National Trends in Robotic Surgery PP189-M

G. Paul Wright, MD; Andrea M. Wolf, MD, FACS; Mathew H. Chung, MD, FACS. *Grand Rapids Medical Education Partners/Michigan State University and Spectrum Health System, MI*

Understanding Factors in Ventral Hernia Repair Surgical Site Infections: Beyond ACS NSQIP® PP190-M

John M. Chipko, MD; Anthony Desantis; Eric Quinn; Vic Velanovich, MD, FACS. *University of South Florida, Tampa*

Hepatobiliary and Pancreas

Aggressive Surgery for Advanced Colorectal Liver Metastases in the Era of a Multidisciplinary Approach PP197-T

Yoshihiro Mise, MD, PhD; Yosuke Inoue; Takeaki Ishizawa, MD, PhD, FACS; Yu Takahashi; Akio Saiura, MD. *Cancer Institute Hospital, Tokyo, Japan*

Analysis of Risk Factors for Postoperative Bile Leaks after 411 Consecutive Hepatectomies PP196-T

Fabrizio Panaro, MD, PhD; Lisa Hacina; Hassan Bouyabrine, MD; Francis Navarro, MD. *Montpellier University Hospital-School of Medicine, France*

Application of the Three-Dimensional (3-D) Liver Surgery Simulation and the Development of a Novel Next Generation Liver Surgery Emulator Combined with Real-Time Deformation PP195-T

Yukio Oshiro, MD, PhD; Ken Nakayama; Ryoichi Miyamoto; Nobuhiro Ohkohchi, MD, PhD. *University of Tsukuba, Japan*

Assessment of Subcuticular Suture for Prevention of Surgical Site Infection in Hepatobiliary and Pancreatic Surgery PP194-T

Hiroaki Shiba, MD, PhD; Yoshihiro Shirai, MD; Taro Sakamoto; Takashi Horiuchi, MD; Shinji Onda; Masaru Kanehira; Kenei Furukawa, MD, PhD; Kyohei Abe; Yui-chi y. Ishida, MD; Katsuhiko Yanaga, MD, PhD, FACS. *Jikei University School of Medicine, Tokyo, Japan*

Cholangiocarcinoma Treatment: Could Iodine-131 Be an Option? PP193-T

Ana Brito; Alexandra I. Fernandes, MD; Ana M. Abrantes; Mafalda Laranjo, PhD; Ana C. Gonçalves; Ana B. Sarmento-Reibeiro; Maria F. Botelho, MD, PhD; José G. Tralhão, MD, PhD, FACS; Francisco Castro-Sousa. *University of Coimbra, Hospitais da Universidade de Coimbra, Center of Investigation in Environment, Genetics, and Oncobiology, Portugal*

Concomitant Hepatic Arterial Resection for Perihilar Cholangiocarcinoma: Could It Be a Feasible Procedure? PP192-T

Takehiro Noji, MD, PhD; Keisuke Okamura, MD, PhD; Eiji Tamoto, MD, PhD; Toru Nakamura, MD, PhD; Takahiro Tsuchikawa, MD, PhD; Toshiaki Shichinohe, MD, PhD; Satoshi Hirano, MD, PhD. *Hokkaido University, Sapporo, Japan*

Contemporary Pancreatic Necrosectomy: An Analysis of Outcomes, Mortality and Timing of Intervention PP184-T

Mark H. Hanna, MD; Zhubin Moghadamyeghaneh, MD; Grace S. Hwang, MD; Reza Fazl Alizadeh, MD; Adrienne Nguyen; Maki Yamamoto, MD; Michael J. Stamos, MD, FACS, FASCRS; David K. Imagawa, MD, PhD, FACS; Aram N. Demirjian, MD, FACS. *University of California, Irvine*

Current Treatment of Pyogenic Liver Abscesses: Analysis of a Multi-Modal Step-Wise Algorithmic Approach PP185-T

Erin H. Baker, MD; Victor C. Showalter; Allyson R. Cochran, MSPH; Ryan Z. Swan, MD; John B. Martini, MD, FACS; David A. Iannitti, MD, FACS; Dionisios Vrochides, MD, PhD, FACS, FRCS. *Carolinas Medical Center, Charlotte, NC*

Delayed Gastric Emptying after Pancreaticoduodenectomy: Does Surgical Technique Involving the Stomach Matter? PP186-T

Mena Hanna, MD; Rahul Gadde, MD; Casey J. Allen, MD; Jonathan P. Meizoso, MD; Fady Elabbasy, MD; Danny Sleeman, MD, FACS; Alan S. Livingstone, MD, FACS; Danny Yakoub, MB, BCh. *University of Miami Sylvester Cancer Center and Jackson Memorial Hospital, Miami, FL*

Determination in the Optimal Time of Administering Intravenous Indocyanine Green in Fluorescent Cholangiography PP187-T

Raul J. Rosenthal, MD, FACS; Fernando Dip, MD; David Nguyen, MD; Mayank Roy, MB, BS, MRCS; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS. *Cleveland Clinic, Weston, FL*

Distal Pancreatectomy with En Bloc Resection of the Celiac Axis with Preservation or Reconstruction of the Left Gastric Artery in Patients with Pancreatic Body Cancer PP188-T

Akio Saiura, MD; Takafumi Sato, MD; Yoshihiro Mise, MD, PhD; Yu Takahashi; Yosuke Inoue, MD, PhD. *Cancer Institute Hospital, Tokyo, Japan*

En-Bloc Resection of the Distal Pancreas with Splenic Vessels Does Not Increase Risk of Pancreatic Leak or Hematoma PP189-T

Scott Bendix, MD; Sandeep Anantha Sathyanarayana, MB, BS; Janak A. Parikh, MD; Michael J. Jacobs, MD, FACS. *Providence Hospital and Medical Centers, Southfield, MI*

Hepato-Pancreatectomy: Perioperative and Long-Term Outcomes of Synchronous Hepatic and Pancreatic Resection

PP183-T

Thuy B. Tran, MD; Monica M. Dua, MD; Brendan C. Visser, MD, FACS; Jeffrey A. Norton, MD, FACS; George A. Poultsides, MD, FACS. *Stanford University School of Medicine, CA*

Hepato-Pancreato-Biliary Pathological Findings Demonstrated during an Abdominal Ultrasound Screening

PP182-T

Mariano Palermo, MD, FACS; Juan M. Verde, MD; Pablo Acquafresca; Jorge Cardoso, MD; Ignacio Gervacio, MD; Mariano E. Gimenez, MD. *DAICIM Foundation and DIAGNOMED/University of Buenos Aires, Argentina*

Impact of Transection Speed on Inflammatory Response in Liver Resection

PP181-T

Christoph Schwarz, MD; Daniel A. Klaus, MD; Bianca-Andreea Tudor; Edith Fleischmann, MD; Thomas Wekerle; Georg Roth; Martin Bodingbauer, MD; Klaus Kaczirek, MD. *Medical University of Vienna, Austria*

In Vitro Differentiation of Rat Bone Marrow Mesenchymal Stem Cells into Bipotential Hepatic Progenitor Cells

PP180-T

Xulong Zhu, MD; Tan Yan, MD; Ruiping Cheng; Huanjing Bi; Junxi Xiang, MD; Xinglong Zheng, PhD; Qingdong Gao, MD; Yi Lv; Weijie Yao, MD; Jianhui Li, MD. *Shaanxi Provincial People's Hospital and The Fourth Military Medical University and Xi'an Jiaotong University, Xi'an, China*

Influence of Health Insurance Coverage on Outcomes in Pancreatic and Liver Surgery

PP179-T

Lauren Pointer, MD; Zaid Al-Qurayshi, MB, ChB, MPH; Emad Kandil, MB, BCh, FACS; Douglas P. Slakey, MD, FACS. *Tulane University School of Medicine, New Orleans, LA*

Initiation of Enhanced Recovery after Surgery Program for Pancreatic Surgery in a High-Volume Pancreas Center in China

PP178-T

Qiang Li; Zipeng Lu, MD; Nan Lv; Kuirong Jiang, MD, PhD; Junli Wu; Wentao Gao; Jianmin Chen, MD, PhD; Feng Guo; Jishu Sei; Yi Miao, MD, PhD, FACS. *The First Affiliated Hospital of Nanjing Medical University, China*

Intrahepatic Cholangiocarcinoma: Surgical Intervention Has Not Improved Survival in the Elderly

PP170-T

George Cholankeril; Ponnandai S. Somasundar, MB, BS, FACS. *Roger Williams Medical Center, Providence, RI*

Is Surgical Cytoreduction for Stage IV Pancreatic Neuroendocrine Tumors Justifiable?

PP171-T

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Laparoscopic Common Bile Duct Exploration for Cholecystolithiasis and Choledocholithiasis through the Micro-Incision of the Cystic Duct and Its Confluence Part

PP172-T

Lixin Wang, MD; Ying Peng, MD; Zhi Xu; Chunsheng Hou, MD; Xiaofeng Ling. *Peking University Third Hospital, Beijing, China*

Laparoscopic Image-Guided Liver Surgery with a Colour-near-Infrared Light Overlay of Imaging System

PP173-T

Takeshi Aoki, MD, PhD; Masahiko Murakami, MD, PhD; Akira Fujimori, MD, PhD; Tomokazu Kusano; Kazuhiro Matsuda; Kosuke Yamada; Koji Nogaki; Yusuke Wada; Makoto Watanabe, MD; Koji Otsuka, MD, PhD. *Showa University, Shinagawa, Japan*

Left Hepatic Inflow Control Associated with Less Blood Loss and Operative Time in Laparoscopic Left Lateral Sectionectomy for Intrahepatic Lithiasis

PP174-T

Wei Liu, MD; Qunwei Wang; Yi Gong. *Second Xiangya Hospital, Central South University, Changsha, China*

Liver Metastasis with Diaphragmatic Invasion: What Shall I Consider When Planning a Laparoscopic Approach?

PP175-T

Claudius H. Conrad, MD, PhD; Antoine Camerlo; David Fuks, MD, PhD; Nairuthya Shivathirthan, MD; Brice Gayet, MD, PhD. *Institute Mutualiste Montsouris, Paris, France and Univeristy of Texas, Texas MD Anderson Cancer Center, Houston, TX*

MELD as a Predictor of Mortality after Cholecystectomy

PP169-T

Grace S. Hwang, MD; Zhubin Moghadamyeghaneh, MD; Mark H. Hanna, MD; Michael J. Phelan, PhD; Michael J. Stamos, MD, FACS, FASCRS; David K. Imagawa, MD, PhD, FACS; Aram Demirjian. *University of California, Irvine*

Mirizzi Syndrome: Diagnosis and Management

PP168-T

Sujit Kulkarni; Mayo Hotta; James Buxbaum, MD; Dilip Parekh; Linda S. Sher, MD, FACS; Robert R. Selby, MD; Maria Stapfer, MD. *Keck Medical Center of University of Southern California, CA, and Los Angeles County/University of Southern California Medical Center, CA*

Novel Reconstruction of the Extrahepatic Bile Duct with a Tissue-Engineered Bioabsorbable Polymer Graft

PP167-T

Xulong Zhu, MD; Qingdong Gao, MD; Weijie Yao, MD; Xiaopeng Yan, PhD; Junxi Xiang, MD; De Liu, MM; Zhen Qi Liu, MD; Yulong Song, MD; Yi Lv; Jianhui Li, MD. *Shaanxi Provincial People's Hospital and Xi'an Jiaotong University, China*

Osteopontin Is a Novel Surrogate Marker of SOX9-Positive Cancer Stem Cells in Human Hepatocellular Carcinoma

PP166-T

Takayuki Kawai, MD; Kentaro Yasuchika; Takamichi Ishii; Hokahiro Katayama; Satoshi Ogiso, MD; Sada-hiko Kita, MD; Ken Fukumitsu; Etsuro Hatano, MD, PhD; Shinji Uemoto, MD, PhD. *Kyoto University, Japan*

Pancreatoduodenectomy: Improved Access and Quality with Dedicated Hepatopancreatobiliary Surgical Care in a Community Health Care System PP165-T
Kerri A. Simo, MD; Roberta Redfern, PhD; Chelsey Holbert; Joseph J. Sferra, MD, FACS. *ProMedica Health System, Toledo, OH*

Photodynamic Therapy Using Talaporfin Sodium (Laserphyrin®) for Bile Duct Carcinoma: A Preliminary Clinical Trial. PP164-T
Atsushi Nanashima. *Nagasaki University, Japan*

Protective Effects of Hydrogen-Enrich Saline against Ischemia-Reperfusion Injury in Non-Heart Beating Rat Liver Graft PP156-T
Wah Yang, MD; Jin Gong, MD, PhD; Cunchuan Wang, MD, PhD. *First Affiliated Hospital of Jinan University, Guangzhou, China*

Quality Assessment in Pancreatic Cancer Care: A Review of the National Cancer Database PP157-T
Kathryn Jaap, MD; Marcus B. Fluck; James T. Dove; Marie A. Hunsinger, RN; Tania K. Arora, MD; Mohsen Shabahang, MD, FACS; Joseph A. Blansfield, MD, FACS. *Geisinger Medical Center, Danville, PA*

Real-Time Fluorescent Biliary Leak Detection with VITOM Open Visualization System PP158-T
Raul J. Rosenthal, MD, FACS; Fernando Dip, MD; Mayank Roy, MB, BS, MRCS; David Nguyen, MD; Federico Aucejo, MD; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS. *Cleveland Clinic Florida, Weston, FL*

Results of RAMPS Procedure for Large Pancreatic Neuroendocrine Tumors (pNETS) PP159-T
Julie G. Grossman, MD; Ryan C. Fields, MD, FACS; William G. Hawkins, MD, FACS; Steven M. Strasberg, MD, FACS. *Washington University School of Medicine, St. Louis, MO*

Resveratorol Inhibit Tumor Growth of Pancreatic Cancer Cell Line via Induction of Apoptosis and Autophagy PP160-T
Masaaki Nishi; Mitsuo Shimada, MD, FACS; Kozo Yoshikawa, MD, FACS; Jun Higashijima; Toshihiro Nakao, MD, PhD; Takuya Tokunaga; Hideya Kashiwara; Chie Takasu. *Tokushima University, Japan*

Robotic Pancreatoduodenectomy: Surgical Feasibility and Oncological Adequacy PP161-T
Francesco Guerra; Stefano Amore Bonapasta, MD; Mario M. Anecchiarico, MD, PhD; Lapo Bencini; Marco Farsi; Luca Moraldi, MD, PhD; Massimo Calistri, MD; Andrea Coratti, MD. *Careggi University Hospital of Florence, Rome, Italy*

Serum High-Density Lipoprotein Is Associated with Persistent Organ Failure in Acute Pancreatitis PP155-T
Yushun Zhang, MD; Liming Dong, MD, PhD; Chong Yang, MD; Chunyou Wang, MD; Heshui Wu, MD. *Pancreatic Disease Institute, Union Hospital, Wuhan, China*

Solid Pseudopapillary Tumors of the Pancreas: Updated Experience from a Single Center with 86 Cases PP154-T
Junli Wu, MD, PhD; Jishu Wei, MD, PhD; Wenbin Xu; Zipeng Lu, MD; Cuncai Dai, MD, PhD; Kuirong Jiang, MD, PhD; Wentao Gao; Feng Guo; Jianmin Chen, MD, PhD; Yi Miao, MD, PhD, FACS. *The First Affiliated Hospital of Nanjing Medical University, China*

Surgical Resection Improves Survival Compared to Ablation for Early-Stage Small Hepatocellular Carcinoma PP153-T
Zeinab Alawadi, MD; Kelvin Allenson; Lillian S. Kao, MD, FACS; Tien C. Ko, MD, FACS; Curtis J. Wray, MD, FACS. *University of Texas Health Science Center, Houston*

Survival Impact of R1 Resection for Colorectal Liver Metastasis PP152-T
Katsunori Sakamoto, MD; Goro G. Honda, MD, PhD, FACS; Masanao Kurata, MD, PhD; Shin Kobayashi, MD; Masahiko Honjo, MD; Keiichi Takahashi. *Tokyo Metropolitan Komagome Hospital, Japan*

Synchronous Surgical Treatment of Colorectal Liver Metastases: Experience of a Single Center PP151-T
Francisco Castro Sousa, MD, PhD, FACS; Ricardo Martins, MD; César Carvalho, MD; Marco Seródio, MD; Beatriz Costa, MD; Mónica Martins, MD; Henrique Alexandrino, MD; Maria Cipriano, MD; Filipe Caseiro Alves, MD, PhD; José G. Tralhão, MD, PhD. *Hospitalar and University Coimbra Center, Portugal*

The FAM83 Protein Family Facilitating Expansion of CD44+ Carcinoma Stem Cells from Hepatocellular Carcinoma PP150-T
Lin Zhou, PhD; Bingyi Lin, PhD; Shusen Zheng, PhD. *Zhejiang University School of Medicine, Hangzhou, China*

The Impact of Hospital Volume and Surgeon Volume on Perioperative Outcomes of Oncological Liver Surgery PP142-T
Stefan Buettner; Gaya Spolverato, MD; Neda Amini, MD; Yuhree Kim, MD, MPH; Arman Kilic, MD; Timothy M. Pawlik, MD, FACS. *Johns Hopkins Hospital, Baltimore, MD*

The Usefulness of Perioperative Nutritional Assessment in Hepatobiliary Pancreatic Surgery Using Body Composition Analyzer and Subjective Global Assessment PP144-T
Yu Saito, MD, PhD; Shinichiro Yamada; Chie Takasu; Jun Higashijima, MD; Tetsuya Ikemoto, MD, FACS; Yuji Morine; Satoru Imura, MD, PhD, FACS; Yasuhiro Hamada; Mitsuo Shimada, MD, FACS. *Tokushima University, Japan*

Thermosensitive Gel Marker-Assisted Precise Hepatectomy PP145-T
Jianpeng Li, MD; Fei Xue, PhD; Xianghua Xu; Jianwen Lu, MD; Chang Liu; Jing Zhang, MD; Aihua Shi; Feng Ma; Yi Lv. *First Affiliated Hospital, Xi'an Jiaotong University, and Surgery Dreamworks, Xi'an Jiaotong University, China*

Tumor Suppressor Menin and Its Regulation by miR-24-1 Play a Key Role in Cholangiocarcinoma Proliferation PP146-T

Laurent Ehrlich; Chad Hall, MD; Julie Venter; Fanyin Meng, PhD; Shanon Glaser, PhD; Gianfranco Alpini, PhD; Terry C. Lairmore, MD, FACS. *Baylor Scott and White Health and Texas A&M University COM/VA, Temple, TX*

VITOM II: A Prototype for Fluorescent Image-Guided Surgery Implementation in Open Surgery PP147-T

Raul J. Rosenthal, MD, FACS; Fernando Dip, MD; David Nguyen, MD; Fernando M. Safdie, MD; Lisandro M. Montorfano, MD; Federico Aucejo, MD; Nicolas Brozzi, MD; Emanuele Lo Menzo, MD, FACS; Samuel Szomstein, MD, FACS. *Cleveland Clinic Florida, Weston*

Whipple Procedure in Octogenarians and Nonagenarians: A U.S. Population-Based Study Analyzing Morbidity and Mortality following Whipple Procedure in Elderly Patients (National Inpatient Sample Database 1998–2010) PP148-T

Sachin Patil; Ronald S. Chamberlain, MD, MPA, FACS. *Saint Barnabas Medical Center, Livingston, NJ*

Neurosurgery

Clinical and Laboratory Parameter Effects on Traumatic Brain Injury Patients PP114-M

Azedine Medhkour, MD, FACS; Justin Baum; Pouya Entezami, MD. *University of Toledo College of Medicine Toledo, OH*

Oligodendroglioma Prognosis Varies Significantly with Age: A Population-Based Clinical Outcomes Study Involving 4,601 Patients from the Surveillance Epidemiology and End Result (SEER) Database (1973–2010) PP115-M

Christine Lau, MD; Krishnaraj Mahendraraj, MD; Ronald S. Chamberlain, MD, MPA, FACS. *Saint Barnabas Medical Center, Livingston, NJ*

Pediatric Surgery

A Novel Approach to Probiotic Delivery for Neonatal Necrotizing Enterocolitis PP141-M

Jacob K. Olson, MD; Terrence M. Rager, MD; Jason B. Navarro; Lauren Mashburn-Warren, PhD; Steven D. Goodman, PhD; Gail E. Besner, MD, FACS. *Nationwide Children's Hospital, Columbus, OH*

Absence of the Zinc Transporter ZnT2 in the Intestinal Paneth Cell Increases Susceptibility of Mucosal Crypt Cells to Microbial Stress PP140-M

Abigail B. Podany, MD; Brett E. Phillips, PhD; David I. Soybel, MD, FACS; Shannon L. Kelleher, PhD. *Penn State Hershey Medical Center*

Comparison of Pediatric and Adult Primary Papillary Thyroid Cancer Cases in the NCDB PP139-M

Tate R. Nice, MD; Sebastian Pasara; Melanie Goldfarb, MD; Kenneth W. Gow, MD, FACS; Jed G. Nuchtern, MD, FACS; John J. Doski, MD, FACS; Monica Langer; Sanjeev A. Vasudevan, MD, FACS; Adam B. Goldin, MD, FACS; Elizabeth A. Beierle, MD, FACS. *University of Alabama, Birmingham, and Children's of Alabama, Birmingham*

Intestinal Epithelial Cell Proliferation Is Modulated by TLR4/Wnt Signaling Pathways in a Rat Model of Short Bowel Syndrome PP138-M

Igor Sukhotnik, MD, FACS; Lili Hayari, MD; Yulia Pollak; Tatiana Dorfman; Nir Bitterman; Arie Bitterman, MD; Arnold G. Coran, MD, FACS. *Technion-Israel Institute of Technology, Haifa, Israel and University, Michigan Medical School, Ann Arbor, MI*

NADPH Oxidases Modulate Redox-Sensitive Signaling Pathways in Neuroblastoma PP137-M

Eric J. Rellinger, MD; Brian T. Craig, MD; Jingbo Qiao, PhD; Kwang W. Kim, PhD; Dai H. Chung, MD, FACS. *Vanderbilt University, Nashville, TN*

Natural History of Isolated Skull Fractures in Children PP136-M

Saif Hassan, MD; Abdul Q. Alarhayem, MD; Stephen M. Cohn, MD, FACS; John C. Wiersch, MD. *The University of Texas Health Science Center, San Antonio*

Pediatric Resuscitative Thoracotomy: A Far from Futile Intervention PP128-M

Efstathios Karamanos, MD; Regan J. Berg, MD; Evren Dilektasli, MD; Obi T. Okoye, MD; Pedro G. Teixeira, MD; Peter Hammer, MD; Demetrios Demetriades, MD PhD; Kenji Inaba, MD, FACS. *University of Southern California-Los Angeles, CA and Henry Ford Medical Center, Detroit, MI*

Predicting the Future Population of Pediatric Surgeons PP129-M

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Predictors of Bar Migration and Reoperation after Minimally Invasive Pectus Excavatum Repairs PP130-M

Benjamin Zendejas, MD; Waleed Gibreel, MB, BS; Daniel D. Joyce; Christopher R. Moir, MD; Abdalla E. Zarroug, MD. *Mayo Clinic, Rochester, MN*

Targeted Antibiotic Prophylaxis Promotes Microbial Growth and Reduces the Incidence of NEC PP131-M

Joanna C. Lim, MD; Gene E. Jang; Brandon Bell; Jordan D. Bowling, MD; Jamie Golden, MD; Jin Wang; Larry Wang, MD; Anatoly V. Grishin, PhD; Henri R. Ford, MD, FACS. *Children's Hospital of Los Angeles, CA*

The Intestinal Microbiota of Children Does Not Differ Significantly after Resolution of Infectious Disease Compared to Obstructive Disease PP132-M

Minna M. Wieck, MD; Ryan G. Spurrier, MD; Justine W. Debelius, PhD; Rob Knight, PhD; Tracy C. Grikscheit,

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Toll-Like Receptor 3 Activation Induces Myfibroblastic Differentiation of PROM1-Expressing Hepatic Progenitor Cells In Vitro PP133-M

Jessica A. Zagory, MD; Marie V. Nguyen, MD; William H. Dietz; Nirmala Mavila, PhD; Allison J. Haldeman; Kasper S. Wang, MD, FACS. *Children's Hospital of Los Angeles, CA*

Plastic/Maxillofacial Surgery

A Cost-Utility Analysis Comparing the Rectus Femoris Flap vs. Negative Pressure Wound Therapy for the Definitive Treatment of the Infected Vascular Groin Graft Wound PP132-W

Abhishek Chatterjee, MD; Tomasz R. Kosowski, MD; Bryan Pyfer; Brian J. Czerniecki, MD, FACS; Joseph Rosen, MD; John Attwood, MD. *University of Pennsylvania, Philadelphia and Plastic and Hand Surgical Associates, Portland, ME and Dartmouth-Hitchcock Medical Center, Lebanon, NH*

A Prospective Analysis of Physical Exam Findings in the Diagnosis of Facial Fractures PP133-W

Alisa Timashpolsky; Syed M. Sayeed, MD; Jamie L. Romeiser, MPH; Elisheva A. Rosenfeld, DDS, MD; Nikki Conkling, MD; Alexander Dagum, MD, FRCSC, FACS. *Stony Brook School of Medicine, NY*

Abdominoplasty in Massive Weight Loss Patients with Body Mass Index Greater than 35: Report of 25 Cases PP134-W

Martin Iglesias, MD; Patricia Butrón; Alejandra López-Méndez; Ignacio Del Carmen; Fernando F. Camacho-Palma, MD; Angel Osuna. *Instituto Nacional De Ciencias Médicas Y Nutrición Distrito Federal, Mexico*

Bipedicle Flap for Unilateral Autologous Breast Reconstruction Revisited: Evolution and Optimization of Flap Design over 15 Years PP135-W

Edward I. Chang, MD; Patrick B. Garvey, MD, FACS; Steven J. Kronowitz, MD, FACS. *MD Anderson Cancer Center, Houston, TX*

Breast Tissue Engineering: Decellularized Scaffolds Derived from Porcine Mammary Glands PP127-W

Giorgio Giatsidis, MD. *Padova University Hospital, Italy*

Differential Density Collagen Microsphere Scaffold (MSS) Promotes Increased Cellular Invasion and Neovascularization PP126-W

Peipei Zhang, MB, BS, PhD; Ope A. Asanbe, MD; Wilmina W. Landford; Adam Jacoby; Rachel Campbell, MD; Jason A. Spector, MD, FACS. *Weill Cornell Medical College, New York, NY*

Electrospun Soy Protein Scaffolds Enhance Skin Regeneration in a Rat Wound Model PP125-W

David Hindin, MD; Sogol Moaiyed Baharlou, MS; Jonathan Gerstenhaber; Tsz Y. Lo, BS; Yah-el Har-el, PhD; James P. Bradley, MD; Peter I. Lelkes, PhD. *Temple University and Temple University Health System, Philadelphia, PA*

Foreign Body Response to Five Common Subcutaneous Implants PP124-W

Mohamed M. Ibrahim, MD; Manuel A. Medina, MD; Jennifer E. Bond, PhD; Andrew Bergeron; Carlos Quiles, MD; Latif Bashirov, MD; Howard Levinson, MD, FACS. *Duke University Medical Center, Durham, NC*

High-Dose and Low-Dose Brachytherapy May Be Performed Safely with Soft-Tissue Coverage in Salvage Treatment of Recurrent Head and Neck Cancer PP123-W

Peter W. Henderson, MD, MBA; Bhupesh W. Parashar, MD; David M. Otterburn, MD; David I. Kutler, MD, FACS; Marc A. Cohen, MD; Jason A. Spector, MD, FACS. *Weill Cornell Medical College, New York, NY*

Human Dental Pulp Stem Cells Attenuate the Inflammatory Response in a Mouse Xenograft Model PP122-W

Kameron Rezzadeh; Luis A. Segovia, MD; Akishige Hokugo, DDS, PhD; Zheyu Zhang; Situo Zhou; Reza Jarrahy, MD. *David Geffen School of Medicine at University of California, Los Angeles*

Injectable Shape-Memorizing Three Dimensional (3-D) Hyaluronic Acid Cryogels (3-D-HA) for Skin Sculpting PP121-W

Liying Cheng, MD; Kai Ji, MD; Anthony Haddad, MD; Ting-Yu Shih; Giorgio Giatsidis, MD; David J. Mooney, PhD; Dennis P. Orgill, MD, PhD, FACS; Christoph S. Nabzdyk, MD. *Brigham and Women's Hospital and Harvard Medical School, and Wyss Institute at Harvard University, Boston, MA*

Intraoral Microvascular Anastomosis: Avoiding Visible Scars on the Face during Free Tissue Transfer PP114-W

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Mitigation of Hypertrophic Scar Contraction in an Immune-Competent Mouse Model via a Biostable Electrospun Scaffold PP115-W

Mohamed M. Ibrahim, MD; Kyle J. Miller; Latif Bashirov, MD; Ellen Hammett; Youngmee Jung, PhD; Manuel A. Medina, MD; Ali Rastegarpou, MD; Angelica M. Selim, MD; Kam W. Leong, PhD; Howard Levinson, MD, FACS. *Duke University Medical Center, Durham, NC*

Myfibroblasts Contribute to, but Are Not Necessary, for Wound Contraction PP116-W

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Natural Killer Cells Differentiate Human Adipose-Derived Stem Cells and Alter their Adipogenic Potential PP117-W
Kameron Rezzadeh; Akishige Hokugo, DDS, PhD; Luis A. Segovia, MD; Zheyu Zhang; Situo Zhou; Reza Jarrahy, MD. *David Geffen School of Medicine at University of California, Los Angeles*

Outcomes of Free-Flap Breast Reconstructions at a Tertiary Care Facility vs. A Specialty Surgical Hospital: The New Orleans Experience PP118-W
Rahul Vemula, MD; David A. Jansen, MD, FACS; Matthew D. Freeman; Cameron Callaghan. *Tulane University School of Medicine, New Orleans, LA*

Peptide Amphiphilic Gels Enhance Burn Wound Healing In-Vitro and In-Vivo PP119-W
Kameron Rezzadeh; Situo Zhou; Akishige Hokugo, DDS, PhD; Zheyu Zhang; Luis A. Segovia, MD; Reza Jarrahy, MD. *David Geffen School of Medicine at University of California Los Angeles*

Pirfenidone Decreases Fibrosis and Improves Lymphatic Function in Mouse Models of Lymphedema PP120-W
Ira L. Savetsky, MD; Geoffrey E. Hespe; Jason C. Gardener, MD; Jeremy S. Torrisi; Gabriela D. Garcia Nores, MD; Matthew D. Nitti; Dawit K. Jowhar, PhD; Raghu P. Kataru, PhD; Babak J. Mehrara, MD, FACS. *Memorial Sloan Kettering Cancer Center, New York, NY*

Racial and Age Disparities Persist in Immediate Breast Reconstruction: An Updated Analysis of 48,564 Patients from the 2005–2011 ACS NSQIP® Datasets PP113-W
Paris D. Butler, MD; Jonas Nelson, MD; John P. Fischer, MD; Jason D. Wink, MD; Benjamin Chang, MD, FACS; Joshua Fosnot, MD; Liza C. Wu, MD, FACS; Joseph C. Serletti, MD, FACS. *University of Pennsylvania, Philadelphia*

Short Cyclical Intermittent Stimulations Potentiate Vascular Induction of External Angiogenic Soft-Tissue Enhancement (EASE) PP112-W
Giorgio Giatsidis, MD; Anthony Haddad, MD; Liying Cheng, MD; Christoph S. Nabzdyk, MD; Dennis P. Orgill, MD, PhD, FACS. *Brigham and Women's Hospital, Boston, MA*

Surgical Management of Patients with Hidradenitis Suppurativa: Results from the ACS NSQIP® Database PP111-W
Jared Blau, MEd; Agustin Cornejo, MD; Detlev Erdmann, MD; Howard Levinson, MD, FACS; Scott T. Hollenbeck, MD, FACS. *Duke University Medical Center, Durham, NC*

The Impact of Mesh Reinforcement with Components Separation for Abdominal Wall Reconstruction PP110-W
Seyed Amirhossein Razavi, MD; Karan A. Desai; Peter W. Thompson; Alexandra M. Hart, MD; Albert Losken, MD. *Emory University, Atlanta, GA*

Who Is Publishing in Hand Surgery? A Citation Analysis across Specialties over Five Decades PP109-W
Kashyap K. Tadisina; Grzegorz Kwiecien, MD; Rafael A. Couto, MD; Gregory A. Lamaris, MD, PhD; Michael K. Matthew, MD. *Cleveland Clinic, OH*

Quality, Safety, and Outcomes

Does Assessment of Patient Conscious Status Improve Mortality Prediction among TBI Patients in an Administrative Database? PP100-W
Hatim A. Alsulaim, MD, MPH; Anthony O. Asemota, MD, MPH; Blair J. Smart; Joseph K. Canner, MHS; Eric B. Schneider, PhD. *Johns Hopkins School of Medicine, Baltimore MD*

Radiologic Image Enhancement to Improve Detection of Retained Surgical Items (RSI) PP101-W
Faiz U. Shariff, MD; Jorge L. Uribe, MD; Lawrence Greenawald, MD; Mohammad F. Shaikh, MD; Andres E. Castellanos, MD, FACS; Brendan McCracken, MD; Douglas Parrillo, MD; Patricia A. Shewokis, PhD; D. Scott Lind, MD; Richard Goelz. *Drexel University College of Medicine, Philadelphia, PA*

Surgical Oncology

Access to Care and Frailty Leads to Delay of Surgery after Neoadjuvant Therapy for Rectal Cancer PP141-T
Ciara Huntington, MD; Danielle Boselli; Joshua S. Hill, MD; Jonathan C. Salo, MD, FACS. *Levin Cancer Institute and Carolinas Medical Center, Charlotte, NC*

An Analysis of Treatment Timing Parameters for Patients Receiving Neoadjuvant Chemoradiation Followed by Surgery for Esophageal Adenocarcinoma: An NCDB Study PP140-T
Andrew Hanna; Michael D. Chuong, MD; Bentzen M. Søren, PhD; Mohan Suntharalingam, MD; Nader N. Hanna, MD, FACS. *University of Maryland, Baltimore, MD*

Association of Rosacea and Angiosarcoma-Lymphangiosarcoma (AS-LAS) PP139-T
Frank E. Johnson, MD, FACS; Stephen P. Olsen, MD; Eric S. Armbrrecht, PhD; Nathalie C. Zeitouni, MD; Ilana S. Rosman, MD; Anna M. Priddy; Matthew C. Perez, MD; Anne D. Paquette; Anit K. Behera; M. Laurin Council. *St. Louis University School of Medicine, MO, and Washington University School of Medicine, St. Louis, MO, and Roswell Park Cancer Institute, Buffalo, NY*

Blood Transfusion in Major Abdominal Surgery for Malignancy: A Trend Analysis Using the National Surgical Quality Improvement Program PP138-T
Brett L. Ecker, MD; Kristina D. Simmons, PhD; Sarah-Lucy C. Poe; Edmund K. Bartlett, MD; Douglas L. Fraker, MD, FACS; Rachel R. Kelz, MD, MSCE, FACS; Robert E. Roses, MD; Giorgos C. Karakousis, MD, FACS. *University of Pennsylvania, Philadelphia*

Cancer Care Disparities: A National Snapshot of Primary Breast, Cervical, and Thyroid Cancer in Female Adolescent and Young Adults PP137-T
Devin C. Flaherty, DO, PhD; Laurel Barosh, MPH; Melanie Goldfarb, MD, FACS. *John Wayne Cancer Institute, Santa Monica, CA and University of Southern California, Los Angeles; and USC Norris Comprehensive Cancer Center, Los Angeles, CA*

Clinico-Molecular Study of Synchronous Head and Neck Squamous Cell Carcinoma and Esophageal Squamous Cell Carcinoma PP136-T
Somkiat Sunpaweravong, MD; Natini Jinawath, MD, PhD; Tanadech Dechaphunkul, MD; Patrapim Sunpaweravong, MD. *Prince of Songkla University Songkla Thailand Ramathibodi Hospital, and Mahidol University, Bangkok, Thailand*

Do Geriatric Patients with Cancer Have a Higher Incidence of Venous Thromboembolism than Non-Geriatric Patients with Cancer? PP135-T
Kelly Thurston; Jennifer Matulich, MD; Ryan Thomas; Aasheesh Kanwar; Suhasini Nadesan, MD; Mashrafi Ahmed, MD; Sharmila Dissanaik, MB, BS, FACS; Subhasis Misra, MB, BS, FACS. *Texas Tech University School of Medicine, Amarillo*

Does Preoperative Jaundice Increase the Risk of Postoperative Complications after Pancreaticoduodenectomy? Analysis of the ACS NSQIP® Database PP128-T
Mohammed Al-Temimi, MD; Samir Johna, MD, MACM, FACS. *Kaiser Permanente, Fontana, CA*

Epidemiology and Treatment Outcome among Patients with Desmoplastic Small Round Cell Tumors PP129-T
Yen-Yi Juo, MD; Christian Meyer, MD, PhD; Katherine A. Thornton, MD; Joseph M. Herman, MD; Stephanie A. Terezakis, MD; Nita Ahuja, MD, FACS. *George Washington University Medical Center, Washington, DC, and Johns Hopkins University, Baltimore, MD*

Gene Expression Analysis Enables Repositioning of Mithramycin for Precision Medicine Inhibition of Cancer Stem Cell Signaling in Thoracic Malignancies PP130-T
David S. Schrupp, MD, FACS; Mary Zhang; Julie Hong; Vivek Shukla, PhD; R. Taylor Ripley, MD; Scott M. Atay, MD; Young Hong, MD; Cody J. Peer, PhD; Tristan M. Sissung, PhD; William D. Figg, PharmD, MBA. *National Cancer Institute, Bethesda, MD*

Impact of Neoadjuvant Chemotherapy on Perioperative Outcomes for Resected Gastric Cancer: An Analysis of the U.S. National Cancer Database PP131-T
Erin K. Greenleaf, MD; Susie X. Sun, MD; Afif N. Kulaylat, MD; Christopher S. Hollenbeak, PhD; Joyce Wong, MD. *Penn State Hershey Medical Center, PA*

Increased Intraoperative Fluid Volume Administration Is Associated with Worse Outcomes after Gastroesophageal Resection for Cancer PP132-T
Antonio Masi, MD; Vincenzo Desiato, MD; Marcovalelio Melis, MD, FACS; Antonio Pinna, MD; Ioannis

Hatzaras, MD; Steven M. Cohen, DO; Russell S. Berman, MD, FACS; Garth H. Ballantyne, MD, FACS; Leon H. Pachter, MD, FACS; Elliot Newman, MD. *New York University School of Medicine, NY*

Increased Size of Sentinel Lymph Node Is Associated with Disease-Specific Survival for Cutaneous Melanoma PP133-T
Brandon Chapman, MD; Alessandro Paniccia, MD; Justin Merkow, MD; Edward L. Jones II, MD; Teresa S. Jones, MD; Maggie Hodges, MD; Nicole Kounalakis, MD; Csaba Gajdos, MD, FACS; Martin D. McCarter, MD, FACS. *University of Colorado School of Medicine, Aurora*

Is There Value in Intraoperative Frozen Section during Thyroidectomy for Thyroid Nodules? PP134-T
Jonathan Allan; Tae H. Ro; Subhasis Misra, MB, BS, FACS. *Northwest Texas Hospital, Amarillo*

Long-Term Survival Outcomes in Octogenarians and Nonagenarians Undergoing the Whipple Procedure for Pancreatic Adenocarcinoma: A U.S. Population Based Study (Surveillance, Epidemiology, and End Results Database, 1998–2011) PP127-T
Sachin Patil; Ronald S. Chamberlain, MD, MPA, FACS. *Saint Barnabas Medical Center, Livingston, NJ*

MicroRNA Expression in Common Hepatic Artery Lymph Nodes as a Prognostic Marker in Pancreatic Ductal Adenocarcinoma PP126-T
Hai V. Nguyen, MD; Murray Korc, MD; Jesse Gore, PhD; Xin Zhong, RN; Sudha Savant; Christian M. Schmidt, MD, FACS. *Indiana University, Indianapolis*

Mixed Hepatocellular and Cholangiocarcinoma: A Rare Tumor with a Mix of Parent Phenotypic Characteristics PP125-T
John Bergquist, MD; Christopher Shubert, MD; Tommy Ivanics, MD; Elizabeth B. Habermann, PhD, MPH; Michael L. Kendrick, MD, FACS; Michael B. Farnell, MD; David M. Nagorney, MD, FACS; Mark Truty, MD; Rory L. Smoot, MD. *Mayo Clinic, Rochester, MN*

Neurotrophin Receptor-Interacting Melanoma Antigen-Encoding Gene Homolog Promotes Gastric Cancer PP124-T
Dai Shimizu, MD; Mitsuro Kanda; Chie Tanaka; Suguru Yamada, MD, PhD, FACS; Tsutomu Fujii, MD, FACS; Goro Nakayama; Hiroyuki Sugimoto; Masahiro Koike; Michitaka Fujiwara; Yasuhiro Kodera, MD, FACS. *Nagoya University Graduate School of Medicine, Japan*

Nitric Oxide Releasing Silica Nanoparticles Synergize with Gemcitabine to Enhance Cytotoxicity in Pancreatic Adenocarcinoma PP123-T
Joseph S. Fernandez-Moure, MD; Dickson Kirui, PhD; Jeffrey L. Van Eps, MD; Naila Dhanani; Nathan S. Bryan, PhD; Ennio Tasciotti, PhD; Mauro Ferrari, PhD. *Houston Methodist Hospital, TX*

Outcomes of Laparoscopic Retroperitoneal Lymph Node Dissection in Patients with Nonseminoma Testicular Cancer

PP122-T

Juan S. Contreras, MD; Erik E. Sosa-Duran, MD; Ziad H. Aboharp, MD; Xicotencatl Jimenez-Villanueva, MD. *Hospital Juarez de Mexico, Mexico City*

Overexpression of Denticless E3 Ubiquitin Protein Ligase Homolog (DTL) Is Related to Tumor Cell Proliferation and Malignant Outcome in Esophageal Squamous Cell Carcinoma

PP121-T

Tsutomu Kawaguchi, MD, PhD; Shuhei Komatsu, MD, PhD, FACS; Daisuke Ichikawa, MD; Shoji Hirajima, MD; Toshiyuki Kosuga; Hirotaka Konishi, MD; Atsushi Shiozaki, MD, PhD; Hitoshi Fujiwara, MD; Kazuma Okamoto, MD; Eigo Otsuji. *Kyoto Prefectural University of Medicine, Japan*

Prognostic Effect of Limited Surgery to Avoid Severe Postoperative Complications in High-Risk Patients with Gastric Cancer

PP114-T

Shuhei Komatsu, MD, PhD, FACS; Daisuke Ichikawa, MD; Ken-ichi Aratani, MD; Toshiyuki Kosuga; Kazuma Okamoto, MD; Hirotaka Konishi, MD; Atsushi Shiozaki, MD, PhD; Hisashi Ikoma; Hitoshi Fujiwara, MD; Eigo Otsuji. *Kyoto Prefectural University of Medicine, Japan*

Simultaneous Lingual and Hypoglossal Nerve Block: A Novel Technique

PP115-T

Anant Dinesh, MB, BS; Himanshu Shukla, MB, BS; Surender Dabas. *Rajiv Gandhi Cancer Institute and Research Centre, New Delhi, India*

Simultaneous Submandibular Gland Preserving Neck Dissection and Transoral Robotic Surgery for Oropharyngeal and Supraglottic Malignancies

PP116-T

Anant Dinesh, MB, BS; Surender Dabas; Reetesh Ranjan; Himanshu Shukla, MB, BS. *Rajiv Gandhi Cancer Institute and Research Centre, New Delhi, India*

SOD Mimic Inhibits Invasiveness of Human Gastric Adenocarcinoma (GAC) Cells

PP117-T

Frederick K. Houwen, MD; Brianne R. O'Leary, PhD; Bryan G. Allen, MD, PhD; Jeffery L. Keene, PhD; Robert A. Beardsley, PhD; Douglas R. Spitz, PhD; James J. Mezhr, MD, FACS. *University of Iowa Hospitals and Clinics, Iowa City, and Galera Therapeutics, Malvern, PA*

Therapeutic Value of Lymphadenectomy and Prediction of Station No. 5 or 6 Lymph Node Metastasis in the Upper-Third Gastric Cancer

PP118-T

Shuhei Komatsu, MD, PhD, FACS; Daisuke Ichikawa, MD; Ken-ichi Takemoto, MD; Toshiyuki Kosuga; Kazuma Okamoto, MD; Hirotaka Konishi, MD; Atsushi Shiozaki, MD, PhD; Hitoshi Fujiwara, MD; Eigo Otsuji. *Kyoto Prefectural University of Medicine, Japan*

Transient Retroviral Transfection for Single Patient Cancer Immunotherapy

PP119-T

Isaac R. Kriley, MD; Steve A. Feldman; Eric Tran; Mary Black; Hui Xu; Steven A. Rosenberg, MD, PhD; Stephanie Goff, MD. *National Cancer Institute, Bethesda, MD*

Transoral Robotic Surgery for Recurrent or Residual Head and Neck Cancers: A Prospective Study of Feasibility and Functional Outcome

PP120-T

Himanshu Shukla, MB, BS; Surender Dabas; Anant Dinesh, MB, BS; Reetesh Ranjan. *Rajiv Gandhi Cancer Institute and Research Centre, New Delhi, India*

Validation of the American College of Surgeons (ACS) National Surgical Quality Improvement Program (ACS NSQIP®) Risk Calculator to Estimate Serious Complications in Patients Undergoing Major Gastrointestinal Oncologic Resection

PP107-T

Jennifer Ford, MD; Kimberly R. Coughlin; Dennis Van Dorp, MD; Richard N. Berri, MD, FACS. *St. John Hospital and Medical Center, Detroit, MI*

Transplantation and Tissue Engineering

In-Vivo Evaluation of Functionalized Muscle Scaffolds for Reconstruction

PP113-T

Lindsey Shapiro; Young Min Ju, PhD; John D. Jackson, PhD; James Yoo, MD, PhD; Sang Jin Lee; Anthony Atala, MD. *Wake Forest School of Medicine, Winston-Salem, NC*

Kidney Autotransplantation: A Nationwide Analysis of an Underutilized Transplant Modality

PP112-T

Zhobin Moghadamyeghaneh, MD; Mark H. Hanna, MD; Reza Fazl Alizadeh, MD; Yoshitsugu Obi, MD, PhD; Clarence E. Foster, MD; Michael J. Stamos, MD, FACS, FASCRS; Hirohito Ichii, MD, PhD. *University of California, Irvine*

Surveillance of 20 Years of UNOS Database for LT Donor/Recipient Characteristics and Long-Term Outcomes

PP110-T

Subhashini M. Ayloo, MD, FACS; Michele Molinari, MD, FACS. *Dalhousie University, Halifax, NS*

The Pathway to Renal Transplantation: Obstacles and Contributions to Disparities

PP109-T

Joel T. Adler, MD, MPH; Heidi Yeh, MD; James F. Markmann, MD, PhD; Louis L. Nguyen, MD, MBA, MPH, FACS. *Brigham and Women's Hospital and Massachusetts General Hospital, Boston, MA*

Trauma

A Comparison of Standard Hematologic Testing and Fibrinogen Levels as Predictors of Mortality in Severe Traumatic Brain Injury

PP155-W

Ruben Peralta, MD, FACS; Gaby Jabbour, MD; Ayman El Menyar, MD; Rafael Consunji, MD, MPH; Moamena El-Matbouly, MD; Husham Abdelrahman, MD; Ashok Parchani, MD; Ammar Al Hassani, MD; A. Zarour, MD; Hassan Al Thani, MD. *Hamad Medical Corporation, Doha, Qatar*

A Randomized Controlled Trial in Removing Tube Thoracostomy Using Party Balloon Valsalva PP154-W
Puwadol Thitivaraporn, MD; Pasurachate Samoon; Supparerk Prichayudh, MD; Rattaplee Pak-art; Suvit Sriussadaporn, MD; Kritaya Kritayakirana, MD. *King Chulalongkorn Memorial Hospital, Bangkok, Thailand*

Admission Glucose May Predict Infection and Mortality after Thermal Injury PP153-W
Juliet J. Ray, MD; Laura F. Teisch; Jonathan P. Meizoso, MD; Casey J. Allen, MD; Hanyao Foong; Ethan Yang; Manasa Narasimman; Louis R. Pizano, MD, MBA; Nicholas Namias, MD; Carl I. Schulman, MD, PhD, FACS. *University of Miami, FL*

Admission Hyperglycemia Is Not Just a Marker of Injury Severity after Trauma PP152-W
Jonathan P. Meizoso, MD; Laura F. Teisch; Juliet J. Ray, MD; Casey J. Allen, MD; Alan S. Livingstone, MD, FACS; Nicholas Namias, MD, FACS; Carl I. Schulman, MD, PhD, FACS; Kenneth G. Proctor, PhD. *University of Miami Leonard M. Miller School of Medicine, FL*

Age and Frailty Index Are Independent Factors for Mortality with Blunt Non-Severe Trauma: A Review of 575,033 Patients from the National Trauma Databank PP151-W
Anand Dayama, MB, BS; Odunayo E. Olorunfemi, MD; Ali Charafeddine, MD; Gloria Y. Ho, PhD; Melvin E. Stone, Jr., MD, FACS. *Jacobi Medical Center and Albert Einstein College of Medicine, Bronx, NY*

Damage Control Laparotomy Needs Damage Control: A Second Look Study PP150-W
Bardiya Zangbar, MD; Bellal Joseph, MD; Mazhar Khalil, MD; Narong Kulvatunyou, MD, FACS; Ansab A. Haider, MD; Terence O'Keefe, MB, ChB, FACS; Andrew L. Tang, MD, FACS; Rifat Latifi, MD, FACS; Donald J. Green, MD; Peter M. Rhee, MD, FACS. *University of Arizona, Tucson*

Damage Control Resuscitation and Surgery: Associated Factors of Mortality in Penetrating Trauma PP149-W
Carlos A. Ordoñez, MD; Michael W. Parra; Marisol Badiel, MD, PhD; Luis L. Pino, MD; Alejandro A. Calle, MD; Fernando D. Miñan, MD; David A. Mejia, MD; Johanna C. Rojas-Mirquez, MD; Francisco J. Bonilla-Escobar, MD; Juan Carlos Puyana, MD, FACS. *Fundación Clínica Valle del Lili, Cali, Colombia*

Evaluating the Association of Center Designation and In-hospital Mortality among Injured Adolescents PP143-W
Rachel B. Webman, MD; Elizabeth A. Carter, PhD, MPH; Sushil Mittal, PhD; Jichuan Wang, PhD; David Madigan, PhD; Randall S. Burd, MD, PhD. *Children's Nation Medical Center, Washington, DC*

Extracorporeal Membrane Oxygenation (ECMO) for Traumatic Lung Injury PP144-W
Sarwat Ahmad; Joseph A. Kufera; Jay Menaker, MD; James O'Connor, MD; Thomas M. Scalea, MD, FACS; Deborah M. Stein, MD, MPH, FACS, FCCM. *R. Adams*

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Firearm-Related Injury Recidivism in a Level I Trauma Center PP145-W
Tanya L. Zakrison, MD, FACS, FRCSC, MPH; Laura Zebib; Taylor L. Hughes; Carl I. Schulman, MD, PhD, FACS; Nicholas Namias, MD; Alan S. Livingstone, MD, FACS. *University of Miami, FL*

Incidence and Outcomes of Thoracic Aortic Injuries with Regionalized Care in a Mature Trauma System PP146-W
Donald G. Harris, MD; Robert S. Crawford, MD, FACS; Joseph Rabin, MD; Elena N. Klyushnenkova, PhD; Hegang Chen, PhD; Thomas M. Scalea, MD, FACS; Jose J. Diaz, Jr., MD, FACS. *University of Maryland, Baltimore*

Injury Profile Caused by Anti-Personnel Improvised Explosive Devices PP147-W
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Ketamine as a Novel and Safe Alternative to Epidural Anesthesia for Managing Pain in Multiple Rib Fractures PP148-W
Jody M. Kaban, MD, FACS; Joelle Getrajdman, MD; Robert Allen; Sarah J. Marx; Anand Dayama, MD; Odunayo E. Olorunfemi, MD; Edward Chao, MD; Srinivas H. Reddy, MD; Sheldon H. Teperman, MD, FACS; Melvin E. Stone, Jr., MD, FACS. *Jacobi Medical Center, Bronx, NY*

Lumbar Corpectomy via Retroperitoneal Approach—A Case Series of 42 Patients with Traumatic Lumbar Fracture PP141-W
Audrey N. Paulzak; W. George Rusyniak, MD, FAANS; Richard P. Gonzalez, MD, FACS; Barry Ballard, MD; Justin Sobrino, MD. *University of South Alabama, Mobile*

Management of Pediatric Splenic Injuries: A Nationwide Analysis PP140-W
Abdul Q. Alarhayem, MD; Lillian F. Liao, MD, MPH, FACS; Ronald M. Stewart, MD; John G. Myers, MD, FACS; Brian J. Eastridge, MD, FACS; Susannah E. Nicholson, MD; Mark T. Muir, MD. *University of Texas Health Science Center, San Antonio*

Polytrauma: Validating the Berlin Definition in Penetrating Trauma PP139-W
Juan P. Herrera-Escobar, MD; Carlos A. Ordoñez, MD; Juan Carlos Puyana, MD; Michael W. Parra, MD; Mónica Andrea Morales García, Estadística; Maria P. Garcia-Garcia, MD; Alejandro A. Calle, MD; Jessica Correa, MD; Amadeus A. Uribe; Luis L. Pino, MD. *Hospital Universitario del Valle, Cali, Colombia*

Risk Factors for Loss of Employer-Provided Insurance after Traumatic Brain Injury PP138-W
Joseph A. Lin; Joseph K. Canner, MHS; Eric B. Schneider, PhD. *Johns Hopkins School of Medicine, Baltimore, MD*

Skateboard Head Injuries: Are We Making Progress?

PP137-W

Evren Dilektasli, MD; Elizabeth R. Benjamin, MD, PhD, FACS; Jayun Cho, MD; Tobias Haltmeier, MD; Kenji Inaba, MD; Demetrios Demetriades, MD, PhD, FACS. *Los Angeles County and University of California Medical Center, Los Angeles*

Synergistic Wound Healing Promoting Effects of Adenosine and Nitric Oxide

PP136-W

Zoltan H. Nemeth, MD, PhD; Jaroslaw W. Bilaniuk, MD, FACS; John M. Adams, MD, FACS; Louis T. DiFazio, MD, FACS; Rolando H. Rolandelli, MD, FACS. *Morristown Medical Center, NJ*

The Alpha Subunit of Hemoglobin Potentiates Fibrinolysis

PP128-W

Alexander Morton, Colorado; Ernest E. Moore, MD, FACS; Hunter B. Moore, MD; Christopher C. Silliman, MD, PhD; Eduardo Gonzalez, MD; Anirban Banerjee, PhD. *University of Colorado, Aurora, CO*

The Impact of Temporal, Environmental and Sociocultural Factors on Blunt and Penetrating Trauma Admission Volumes: Review of 41,613 Patient Admissions

PP129-W

Vincent Cheng; Regan J. Berg, MD; Dimitra Skiada, MD; Obi T. Okoye, MD; Robert G. Fovell, PhD; Pedro G. Teixeira, MD; Demetrios Demetriades, MD, PhD; Kenji Inaba, MD, FACS. *Los Angeles County University of Southern California, CA*

Time Independent Thrombelastography Analysis**Yields Early Prediction of Final Clot Strength**

PP130-W

Michael P. Chapman, MD; Ernest E. Moore, MD, FACS; Alexander Morton, Colorado; Hunter B. Moore, MD; Eduardo Gonzalez, MD; Annie L. Slaughter, MD; Anirban Banerjee, PhD. *University of Colorado, Denver*

Tranexamic Acid Association with Post-Trauma Infections

PP131-W

Clayton Lewis, MD; Ping Li; Laveta Stewart, PhD, MPH; Amy Weintrob; M. Leigh Carson; Clinton K. Murray, MD; David R. Tribble, MD, DPhil; James D. Ross, PhD. *Air Force Trauma and Resuscitation Research Program, TX, and San Antonio Military Medical Center, TX, and the Infectious Disease Clinical Research Program, Bethesda, MD*

Urological Surgery**A New Inflammatory-Based Marker Prognostic Score in a Large Cohort of Patients with Localized Clear Cell Renal Cell Carcinoma**

PP100-T

Yoram S. Baum, MD; Dattatraya Patil, MB, BS, MPH; Jonathan H. Huang, MD; Anna Bausum; Kenneth Ogan, MD; Viraj A. Master, MD, FACS. *Emory University School of Medicine, Atlanta, GA*

Predicting Tumor Fat Invasion in Clinical T1 Tumors

PP101-T

Sumit De; Elizabeth Handorf, PhD; Robert G. Uzzo, MD, FACS; David Y. Chen, MD, FACS; Rosalia Viterbo,

MD, FACS; Richard E. Greenberg, MD, FACS; Mohammed Haseebuddin, MD; Nikhil Waingankar, MD; Marc C. Smaldone, MD, MSHP; Alexander Kutikov, MD, FACS. *Fox Chase Cancer Center, Philadelphia, PA*

Prenatal Diagnosis and Successful Initial Closure in Classic Bladder Exstrophy: A Single Institution Experience

PP102-T

Christopher A. Hesh; Pokket Sirisreetreerux, MD; Ezekiel Young, MD; Heather Di Carlo, MD; John Gearhart, MD, FACS, FRCS. *Johns Hopkins University School of Medicine, Baltimore, MD*

Salvage Extirpative Surgery for Recurrent Disease following Laparoscopic Renal Cryoablation for T1 Renal Masses

PP103-T

Steven Kheifets; Heinric Williams, MD; Waleed Eisa; John Walton; Jacob Baber, MD. *Geisinger Medical Center, Danville, PA*

Ultrasound Guided Dissection of the Ureter during Complicated Colon Resection

PP104-T

John V. Agapian, MD, FACS; Sarvanaz Nouri, MD; Brian S. Hernandez; Aron Depew, MD; Afshin Molkara, MD, FACS; Dan Ludi, MD, FACS. *Riverside Regional Medical Center, Moreno, and University of California, Riverside; and Loma Linda University, CA*

Vascular Surgery**Inhibition of Restenosis by Resveratrol Involves Down-regulation of KLF5, a Marker of Smooth****Muscle Cell De-Differentiation**

PP106-T

Yichen Zhu; Toshio Takayama, MD, PhD; Alycia Kent; Bowen Wang; Shakti A. Goel; Xudong Shi; Daniel DiRenzo; Sarah Franco; Lian-Wang Guo, PhD. *University of Wisconsin, Madison, WI*

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Bethesda 47
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Manhasset 44

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Surgical Specialty Societies and Associations

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2. American Association for the Surgery of Trauma
3. American Association for Thoracic Surgery
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5. American Surgical Association
6. American Urological Association
7. Royal College of Physicians and Surgeons of Canada
8. Society of University Surgeons
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11. American Academy of Ophthalmology
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14. American Association for Hand Surgery
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16. American Association of Genitourinary Surgeons
17. American Association of Neurological Surgeons
18. American Association of Plastic Surgeons
19. American Burn Association
20. American Gynecological and Obstetrical Society
21. American Head and Neck Society
22. American Laryngological Association
23. American Ophthalmological Society
24. American Orthopaedic Foot & Ankle Society
25. American Otological Society
26. American Pediatric Surgical Association
27. American Society for Aesthetic Plastic Surgery
28. American Society for Metabolic and Bariatric Surgery
29. American Society for Surgery of the Hand
30. American Society of Breast Surgeons
31. American Society of Colon and Rectal Surgeons
32. American Society of General Surgeons
33. American Society of Plastic Surgeons
34. American Society of Transplant Surgeons
35. Americas Hepato-Pancreato-Biliary Association
36. Association for Academic Surgery
37. Association for Surgical Education
38. Association of Program Directors in Surgery
39. Association of VA Surgeons
40. Association of Women Surgeons
41. Canadian Association of General Surgeons
42. Central Association of Obstetricians and Gynecologists
43. Central Surgical Association
44. Congress of Neurological Surgeons
45. Department of the Air Force
46. Department of the Army
47. Department of the Navy
48. Eastern Association for the Surgery of Trauma

49. Midwest Surgical Association
50. National Medical Association
51. New England Surgical Society
52. North Pacific Surgical Association
53. Pacific Coast Surgical Association
54. Society for Clinical Vascular Surgery
55. Society for Pediatric Urology
56. Society for Vascular Surgery
57. Society for Surgery of the Alimentary Tract
58. Society of American Gastrointestinal and Endoscopic Surgeons
59. Society of Critical Care Medicine
60. Society of Gynecologic Oncologists
61. Society of Neurological Surgeons
62. Society of Surgical Oncology
63. Society of Thoracic Surgeons
64. Society of University Otolaryngologists
65. Society of University Urologists
66. Southeastern Surgical Congress
67. Southern Neurosurgical Society
68. Southern Thoracic Surgical Association
69. Southwestern Surgical Congress
70. Surgical Infection Society
71. Triological Society
72. Vascular and Endovascular Surgery Society
73. Western Surgical Association
74. Western Thoracic Surgical Association

Disclosures

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The ACCME also requires that the ACS manage any reported conflict and eliminate the potential for bias during the session. The Program Committee members and speakers were contacted and the conflicts listed below have been managed to our satisfaction. However, if you perceive a bias during a session, please advise us of the circumstances on the session evaluation form.

Please note we have advised the speakers that it is their responsibility to disclose at the start of their presentation if they will be describing the use of a device, product, or drug that is not U.S. Food and Drug Administration-approved or the off-label use of an approved device, product, or drug, or unapproved usage.

The requirement for disclosure is not intended to imply any impropriety of such relationships, but simply to identify such relationships through full disclosure, and to allow the audience to form its own judgments regarding the presentation.

If the name of a speaker is not listed, this indicates the speaker had nothing to disclose.

American College of Surgeons Program Committee Disclosures

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Roger R. Dmochowski, MD, FACS	Allergan: Honorarium: Consultant Medtronic: Honorarium: Consultant
Audra A. Duncan, MD, FACS	No Disclosures
Diana L. Farmer, MD, FACS	No Disclosures
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<i>Consultants:</i>	
Robert R. Bahnson, MD, FACS	No Disclosures
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B. J. Hancock, MD, FACS	No Disclosures
Ronald V. Maier, MD, FACS	No Disclosures
Fabrizio Michelassi, MD, FACS	No Disclosures

Speaker Disclosures

Full Name	Disclosure	Session Code
Herand Abcarian, MD, FACS	No Disclosures	VE19
Joel T. Adler, MD, MPH	No Disclosures	PP10
Najma A. Ahmed, MD, FACS	No Disclosures	TH06
Hasan B. Alam, MD, FACS	No Disclosures	PS407
Omar Alkathiri	No Disclosures	SF29
Kenneth W. Angermeier, MD, FACS	American Medical Systems, Inc.: Honoraria: Unrestricted educational grants: Consultant, Speaker/Teacher, Resident Educational Course Director, Fellowship Director	PS225
Horacio J. Asbun, MD, FACS	Medtronic: Faculty Honorarium graduate course x 1 over the last 12 months	PS323, VE04
Faisal Aziz, MB, BS, FACS	No Disclosures	SF53
Ali Azizzadeh, MD, FACS	W. L. Gore & Associates: Consultant Medtronic: Consultant	DEC01
Said C. Azoury, MD	No Disclosures	SF18
Douglas C. Barnhart, MD, FACS	No Disclosures	PS113
Joseph E. Bavaria, MD, FACS	Bolton Medical: Sub-Primary Investigator Cook Vascular, Inc.: Sub-Primary Investigator Medtronic Vascular: National Primary Investigator W. L. Gore & Associates: Primary Investigator/Scientific Advisory Board Vascutek: Consultant	NL02
David E. Beck, MD, FACS, FASCRS	Sanofil-Aventis: Consultant Fee \$900: Consultant	PS206
Abebe Bekele Zerihun, MD	No Disclosures	PS326
Elizabeth Berger, MD	No Disclosures	SF28
Juliane Bingener, MD, FACS	Nestlé Inc.: Material support for trial: PI	SF29, SF36
Shanda H. Blackmon, MD, MPH, FACS	No Disclosures	ME215
Sayeh Bozorghadad	No Disclosures	PP04
Valentina Brashers, MD, FACP, FNAP	No Disclosures	PS310
Megan Brenner, MD, FACS	Pryor Medical Inc.: Stock: Clinical Advisory Board Member	DEC04, DEC09-2
Stacy A. Brethauer, MD, FACS	Covidien: Honoraria: Speaker Ethicon: Honoraria, Consulting Fee: Speaker, Scientific Advisory Board	PS101
Francis P. Buckley, MD, FACS	Torax Medical: Honoraria: Speaking roles and surgeon education	SF02
Eileen M. Bulger, MD, FACS	Atox Bio: Consulting fees: I am a consultant for clinical trial design for the development of a novel drug to treat patients with necrotizing infections. I do not plan to discuss this drug in this session.	ME209, PS204, PS321
Jennifer M. Burg, MD	No Disclosures	PS309
Jo Buyske, MD, FACS	American Board of Surgery: Full-time salaried employee	ME311, PS222, TH18
Alfredo M. Carbonell, DO, FACS, FACOS	W. L. Gore & Associates and Associates: Honoraria and grant support: Consultant, Speaker	PS317
William C. Chapman, MD, FACS	Novartis Pharmaceuticals: Honorarium: Speaker	PS323
Daniel G. Clair, MD, FACS	C. R. Bard, Inc.: No compensation directly to me. Compensation to Cleveland Clinic: Data Safety Monitoring Board (DSMB) member Boston Scientific: \$5,000: Advisory Board Member Endologix: No direct compensation. Compensation to Cleveland Clinic: Consultant Medtronic: \$5,000: Advisory Board Member	PS217
Christine S. Cocanour, MD, FACS	No Disclosures	SF35
Julie A. Conyers, MD, FACS	No Disclosures	TH10
Gregory A. Cote, MD	Boston Scientific: Compensation: Consultant Cook Medical, Inc.: Compensation: Consultant	PS228
Myriam J. Curet, MD, FACS	Intuitive Surgical: Employment, Stock: Chief Medical Officer	PS115
Bradley R. Davis, MD, FACS, FASCRS	Ethicon Endosurgery, Inc.: Honoraria: Course instructor	PS108, SF10
Rodney Davis, MD, FACS	No Disclosures	PS111
E. Patchen Dellinger, MD, FACS	No Disclosures	PS125
Robert S. DiPaola, MD	AbbVie: Research funding to institution: Principal Investigator	NL11
Mary Dixon-Woods, DPhil, FAcSS, FMedSci	No Disclosures	PS201
Brian J. Dunkin, MD, FACS	Boston Scientific: Consultant Fee: Consultant for educational program development Olympus America: Consultant Fee: Consultant for device development	DEC03

Full Name	Disclosure	Session Code
James (Jim) M. Dupree, MD, MPH	Blue Cross Blue Shield of Michigan: Financial support (salary support): Co-Director, Michigan Value Collaborative Procter and Gamble (P&G): I have long held common stock in P&G. This was not received from P&G for any services but rather purchased individually of my own accord: Common stock owner.	SF51
Alexander Dzakovic, MD, FACS	No Disclosures	SSC07
Alexander L. Eastman, MD, MPH, FACS	No Disclosures	DEC04
Mitchell I. Edelson, MD, FACS	Merck: Spouse is salaried employee	PS403
Mohamed Elshaer, MD	No Disclosures	PP04
Michael J. Englesbe, MD	Prenovo LLC: Equity Stakeholder, Founder	PS100, PS405
Elof Eriksson, MD, FACS	Applied Tissue Technologies: Consultant	PS305
Mark K. Eskandari, MD, FACS	Prairie Education and Research Cooperative (C. R. Bard, Inc.): Honoraria: LEVANT 2 clinical events committee Silk Road Medical, Inc.: Roadster clinical events committee	DEC01, PS325
Steve Eubanks, MD, FACS	No Disclosures	PS217
Richard A. Falcone, MD, FACS	No Disclosures	DEC04
Mark A. Farber, MD, FACS	Bolton Medical: Honorarium: Consultant Cook Medical, Inc.: Honorarium: Consultant Endologix: Honorarium: Consultant Maquet: Honorarium: Consultant W. L. Gore & Associates: Honorarium: Consultant	PS402
Liane S. Feldman, MD, FACS, FRCS	ConMed: Unrestricted educational grant: PI Covidien: Unrestricted educational grant: PI	DEC03, PS110
Joseph S. Fernandez-Moure, MD, MS	Grant funding: Funding for study: Principle Investigator	SF07
Alberto R. Ferreres, MD, FACS(Hon)	No Disclosures	PS326
Vidyaratna Atalanta Fleetwood, MD	No Disclosures	PP04, SF40
Yuman Fong, MD, FACS	Baxter: Payment: Scientific Advisor Covidien: Payment: Scientific Advisor Genelux: Payment: Scientific Advisor Johnson & Johnson: Payment: Scientific Advisor Perfint: Payment: Scientific Advisor	PS336
Bradley D. Fouraker, MD, FACS	No Disclosures	TH14
Darius S. Francescatti, MD, FACS	Xoft: Consulting fees: Technical Advisor, Consultant	PS339
Donald E. Fry, MD, FACS	CareFusion: Honorarium: Speaker Ethicon: Honorarium: Consultant Irrimax Corporation: Honorarium: Consultant Merck: Honorarium: Speaker	PS321
Michel Gagner, MD, FACS, FRCS, FASMB, FIC	Covidien: Honorarium: Speaker Ethicon: Honorarium: Speaker W. L. Gore & Associates: Honorarium: Speaker	VE19
Miguel A. Garcia Urena, MD, PhD	W. L. Gore & Associates: Honorarium: Invited speaker	VE11, VE18
Alan D. Garely, MD, FACS, FACOG	Expert Witness: I am a plaintiff expert in the class action suit against C. R. Bard, Inc., regarding transvaginal mesh for vaginal prolapse.	PS330
Justine A. Gavan, MD, FACS	No Disclosures	TH10
David A. Geller, MD, FACS	Medtronic: Honorarium for teaching annual laparoscopic liver resection course: Consultant	VE04
Bruce L. Gewertz, MD, FACS	No Disclosures	PS411
Mehra Golshan, MD, FACS	AbbVie: Financial: Steering Committee Lightpoint: Financial: Advisory Board	PS230
Stephanie D. Gordy, MD, FACS	No Disclosures	DEC09-1
Jon C. Gould, MD, FACS	Torax Medical: Honorarium: Medical Advisory Board	DEC09-1, PS103, SF22, VE30
Jacob A. Greenberg, MD, FACS	Covidien: Honoraria, Consulting Fees, and Research Funds: Speaker, Consultant, Research support (Co-PI on Trial) W. L. Gore & Associates: Honorarium: Speaker Bard Davol: Consulting Fees and Research Funds: Consultant and Research Support (Site PI for clinical trial)	
Bruce L. Hall, MD, PhD, MBA, FACS	American College of Surgeons (ACS): Consulting fee: Consulting Director of ACS NSQIP	ME306, PS408
Ho-Seong Han, MD	No Disclosures	VE04
Andrew Hanna	No Disclosures	PP09
Donald G. Harris, MD	No Disclosures	PP18

Full Name	Disclosure	Session Code
Traci L. Hedrick, MD, FACS	No Disclosures	PS330
Mark R. Hemmila, MD, FACS	Blue Cross Blue Shield of Michigan (BCBSM): Contract between University of Michigan and BCBSM for MTQIP: Director of MTQIP	PS404
B. Todd Heniford, MD, FACS	Ethicon: Honorarium: Researcher, Speaker W. L. Gore & Associates: Honorarium: Speaker LifeCell: Honorarium, Education grant: Education Bard Davol: Honorarium: Speaker	ME312, PS206, PS317
Daniel M. Herron, MD, FACS	Covidien: Consulting fee: Consultant Virtual Incision: Stock: Consultant Lexington Medical: Stock options: Consultant Intuitive Surgical: Educational support: Student	DEC03, VE17, VE30
Christopher A. Hesh	No Disclosures	PP11
Kenzo Hirose, MD, FACS	No Disclosures	SF09
Jamal J. Hoballah, MD, MBA, FACS	No Disclosures	PS125
Wayne L. Hofstetter, MD	No Disclosures	PS410
Goro Honda, MD, PhD, FACS	Covidien: \$5,000: Speaker, Teacher Johnson & Johnson: \$5,000: Speaker, Teacher	VE12
William W. Hope, MD, FACS	C. R. Bard, Inc.: Honorarium: Consultant/Research	SSC10B
Kevin S. Hughes, MD, FACS	Hughes RiskApps, LLC: Equity: Founder	PS107
David R. Hunt, MD, FACS	No Disclosures	ME314
Matthew M. Hutter, MD, FACS	No Disclosures	SF50
Sayeed Ikramuddin, MD, FACS	USGI Medical: Grant support: PI Reshape: Grant: PI Covidien: Grant: PI Enteromedics: Consulting and grant support for research: PI Novo Nordisk: Honorarium: Consultant	PS101
Kamal M. F. Itani, MD, FACS	No Disclosures	DEC13
Marcus D. Jarboe, MD, FACS	No Disclosures	PS113
Dhires R. Jeyarajah, MD, FACS	No Disclosures	SSC11
Eric K. Johnson, MD, FACS, FASCRS	Cook Medical, Inc.: Honorarium: Instructor, abdominal wall reconstruction/parastomal hernia repair course	PS215
R. Scott Jones, MD, FACS	No Disclosures	SF50
Bellal Joseph, MD, FACS	No Disclosures	PS231
Lowell S. Kabnick, MD, FACS	No Disclosures	PS306
Sergey Kantsevov, MD, PhD	Olympus America: Consultant Boston Scientific: Consultant Apollo Endosurgery Inc.: Co-founder, Shareholder	PS300
Andrew S. Kastenmeier, MD, FACS	No Disclosures	PS103
Cary S. Kaufman, MD, FACS	No Disclosures	SSC03
Gregory D. Kennedy, MD, PhD, FACS	No Disclosures	SF50
Dicken Shiu-Chung Ko, MD, FACS	No Disclosures	ME313
Rosemary A. Kozar, MD, FACS	No Disclosures	PS117
Mike Kozminski, MD, FACS	No Disclosures	SF12
Brianna M. Krafcik	No Disclosures	SF21
Sharon Lawson, MD	No Disclosures	SF31
Karl A. LeBlanc, MD, MBA, FACS	Davol: Honoraria: Speaker, Consultant W. L. Gore & Associates: Honoraria: Speaker, Consultant Covidien/Medtronic: Grant: Research	SSC10B
Gyusung I. Lee, PhD	Intuitive Surgical: Intuitive Surgical robotic clinical research grant: Principal Investigator	SF14
James A. Lee, MD, FACS	No Disclosures	PS401
Scott A. LeMaire, MD, FACS	Cook Medical, Inc.: Research support: Co-investigator Medtronic, Inc.: Research support: Principal and Co-investigator Glaxo Smith Kline: Research support: Co-investigator Edwards Lifesciences: Research support: Co-investigator W. L. Gore & Associates: Research support: Co-investigator	PS402
Timothy K. Liem, MD, MBA, FACS	Qview Health Peer Review Software: Equity stake, Intellectual property rights: Co-founder, Board Member, and Chief Medical Officer	PS211
Wei Liu	No Disclosures	PP08
Edward H. Livingston, MD, FACS	<i>Journal of the American Medical Association</i> : Full-time Editor	DEC13

Full Name	Disclosure	Session Code
Brian E. Louie, MD, FACS	Torax Medical: Honoraria: Surgical Instructor/Proctor, Consultant	PS212, PS410
James D. Luketich, MD, FACS	No Disclosures	ME212
Eleftherios P. Mamounas, MD, FACS	No Disclosures	PS333
Vincent Marcucci	No Disclosures	PP14
Christopher J. Martin, MD	No Disclosures	SF12
Ricardo Martins, MD	No Disclosures	PP08
Brent D. Matthews, MD, FACS	W. L. Gore & Associates: Research funding; Honorarium: Co-investigator, multi-centered clinical trial; consulting	SSC10B
John E. Mazuski, MD, PhD, FACS	Bayer: Honorarium; research grant paid to Washington University: Advisory board member, local investigator Merck: Research grant paid to Washington University: Principal Investigator of investigator-initiated research project Pfizer: Honorarium: Advisory board member Astra-Zeneca: Travel reimbursement; Research grant paid to Washington University: International Coordinating Investigator	PS204
Robin S. McLeod, MD, FACS	No Disclosures	TH06
W. Scott Melvin, MD, FACS	No Disclosures	DEC02
Funda Meric-Bernstam, MD, FACS	No Disclosures	PS331
Ross Milner, MD, FACS	W. L. Gore & Associates: Honorarium: Consultant Medtronic: Honorarium: Consultant	DEC01
Daniela Molena, MD, FACS	Novadaq Inc.: Payment: Speaking engagement	PS212, PS324, PS410
Lee R. Morisy, MD, FACS	American Hospital Association: Nothing so far: Consultant Teaching other physicians about ICD-10 (consulting): Nothing so far: Consultant	PS226
Ellen Hunt Morrow, MD	No Disclosures	PS103
Roberta L. Muldoon, MD, FACS	No Disclosures	DEC15
Goichi Nakayama, MD	No Disclosures	PP08
Peter C. Neligan, MB, BCh, FACS	Elsevier and CRC Press: Book royalties; Book Editor	PS223
Lisa A. Newman, MD, MPH, FACS	No Disclosures	ME213
Hai Viet Nguyen, MD	No Disclosures	PP09
Jeffrey W. Nix, MD	Invivo Corporation: Consultant	VE20
Yuri W. Novitsky, MD, FACS	C. R. Bard, Inc.: Honorarium, Research Support: Consultant LifeCell: Honorarium: Consultant Cooper Surgical: Honorarium: Consultant	SSC10B
James V. O'Connor, MD, FACS	No Disclosures	PS301
Gustavo S. Oderich, MD, FACS	W. L. Gore & Associates: Consulting and Research Grant Cook Medical, Inc.: Consulting and Research Grant	DEC01 PS217, VE08, VE18
Brant K. Oelschlager, MD, FACS	No Disclosures	ME101
Dmitry Oleynikov, MD, FACS	LifeCell: Support for a Clinical Research Study: Principal Investigator	
Philip A. Omotosho, MD FACS	Covidien: Honorarium: Consultant	SSC10B
Dennis P. Orgill, MD, PhD, FACS	Celleration, Inc.: Consultant, Research Funding: Consulting, PI RHEACELL GmbH & Co. KG: Research Funding: PI Kinetic Concepts, Inc.: Consulting Fee, Research Funding: Consultant, PI Integra LifeSciences, Inc.: Consulting/Speaker Fee, Research Funding: Consultant, Speaker, PI The Plastic Surgery Foundation: Research Funding: PI Musculoskeletal Transplant Foundation: Consultant, Research Funding: Consulting, PI	PS305
Harald C. Ott, MD	No Disclosures	PS318
John T. Paige, MD, FACS	No Disclosures	PS214
Eric M. Pauli, MD	Cook Biotech, Inc.: Honorarium: Teaching/Education/Skills Labs	SSC10B
Clayton C. Petro, MD	Miromatrix: Fully funded this research project: Funding to perform the aforementioned study: Researcher	SF07
Anastasia Postoev	No Disclosures	PP04
Benjamin K. Poulouse, MD, MPH, FACS	Bard Davol: Research grant	SF36, SSC10B, VE28
Charles J. Prestigiacomo, MD, FACS	No Disclosures	PS102, PS328
Aurora D. Pryor, MD, FACS	W. L. Gore & Associates: Honorarium: Speaker Ethicon: Honorarium: Speaker Intuitive Surgical: Honorarium: Consulting Freehold Medical: Travel Expenses: Consultant	PS101, SSC10A, SSC10B, VE21

Full Name	Disclosure	Session Code
Andrea L. Pusic, MD, FACS	BREAST-Q & FACE-Q: I receive a portion of licensing fees (royalty payments) when the BREAST-Q or FACE-Q are used in industry-sponsored clinical trials: Co-developer of the BREAST-Q & FACE-Q, which is owned by Memorial Sloan Kettering Cancer Center.	PS409
Sonia L. Ramamoorthy, MD, FACS	No Disclosures	DEC15
Domenic J. Reda, PhD	Otonomy, Inc.: Consulting fee: Member of Data Monitoring Committee	DEC13
Alisha D. Reiss, MD	No Disclosures	PS309
Ahmet Rencuzogullari	No Disclosures	PP04
Harry L. Reynolds, MD, FACS	No Disclosures	PS119
David E. Rivadeneira, MD, FACS	No Disclosures	PS104
Thomas N. Robinson, MD, FACS	Covidien: PI, research grant—Electrosurgery	DEC03, PS100
Flavio G. Rocha, MD, FACS	No Disclosures	ME112
Sergio Roll, MD, PhD	C. R. Bard, Inc.: Speaker Ethicon: Speaker Covidien: Speaker LifeCell: Consultant Insightra: Consultant	SSC10B
Michael J. Rosen, MD, FACS	C. R. Bard, Inc.: Honorarium: Speaker W. L. Gore & Associates: Research grant: PI of research study	ME312, PS129, PS206, SSC10A, SSC10B
Ihab Saab, MD	Smith and Nephew: Study was funded by Smith and Nephew: Investigator/Researcher	SF47
Ulka Sachdev, MD, FACS	No Disclosures	PS312
Katsunori Sakamoto, MD	No Disclosures	PP08
Timur P. Sarac, MD, FACS	Peritex Biosciences: Stock: Founder	DEC01
Babak Sarani, MD, FACS	Haemonetics Corps: Honorarium: Speaker	PS304
Jack Sava, MD, FACS	No Disclosures	DEC14
Charles D. Scales, MD, MSHS	No Disclosures	PS211
Christoph Schwarz, MD	No Disclosures	PP08
Anthony J. Senagore, MD, MBA, FACS	BevMD: Stock options: Advisory Board Covidien: Honorarium: Speakers Bureau Althea DX: Research grant: PI Ethicon Endosurgery, Inc.: Honorarium: Speakers Bureau Edwards Lifesciences: Honorarium: Advisory Board	PS110
Murray L. Shames, MD, FACS	No Disclosures	PS402
Patricia A. Shewokis, PhD	Intellectual property rights and provisional patent submitted on idea: No funding has been received and provisional patent is in the initial stages: Lead inventor	SF04
Dai Shimizu, MD	No Disclosures	PP09
Cynthia K. Shortell, MD, FACS	No Disclosures	PS234
Christopher L. Skelly, MD, FACS	Inside Ultrasound: University of Chicago Medicine Vascular Lab receives royalties: Editor Maji Therapeutics: Stock: Founder	SF53
Abraham Solis, MD	No Disclosures	PP05
Dimitrios Stefanidis, MD, PhD, FACS, FASMBS	C. R. Bard, Inc.: Honoraria: Course instructor Ethicon: Research grant support: Co-investigator W. L. Gore & Associates: Honoraria: Course instructor	SSC10A, SSC10B
Adam C. Stein, MD	No Disclosures	PS216
Ronald M. Stewart, MD, FACS	No Disclosures	NL07
Paul Szotek, MD	Hodei Technology: Nothing at this point: Will be Chief Medical Advisor in the future	PS114
Dana A. Telem, MD, FACS	No Disclosures	PS338
Julie K. Marosky Thacker, MD, FACS, FASCRS	Deltex: Travel support: Subject Matter Expert Covidien-MedTronic: Honorarium: Speakers Bureau Premier, Inc.: Honorarium: Subject Matter Expert Edwards Lifesciences: Consultant fee: Subject Matter Expert, Speakers Bureau	PS110
Leo Thai, MD	No Disclosures	SF03
Ebbe Thinggaard, MD	Johnson & Johnson: Research supported by a Educational grant, funding for research: PhD student	SF48
Richard C. Thirlby, MD, FACS	No Disclosures	PS201
Alfonso Torquati, MD, FACS	No Disclosures	PS218
Anthony P. Tufaro, MD, FACS	No Disclosures	PS127

202/Disclosures

Full Name	Disclosure	Session Code
Daniel J. Vargo, MD, FACS	No Disclosures	SF37
Rahul Vemula, MD	No Disclosures	PP16
Alice Chia-Chi Wei, MD, FACS	No Disclosures	PS323
Steven D. Wexner, MD, PhD(Hon), FACS, FRCS, FRCSEd	Covidien: Royalties: Inventor's Income Karl Storz Endoscopy: Royalties and consulting fee: Inventor's income and consulting	ME316, PS341, VE19
Shawna C. Willey, MD, FACS	No Disclosures	PS219
Chad T. Wilson, MD, FACS	No Disclosures	TH13
Emily R. Winslow, MD, FACS	No Disclosures	SF45
G. Paul Wright, MD	No Disclosures	PP05
Jin Soo Yoo, MD, FACS	Covidien: Honoraria: Speaker, Consultant W. L. Gore & Associates: Honoraria: Speaker, Consultant Cook Medical, Inc.: Honoraria: Speaker, Consultant	SSC10B
David Yoo, MD	No Disclosures	PS128
Jonathan S. Zager, MD, FACS	Amgen: Honoraria: Advisory Board Delcath Systems: Honoraria, grant money: Advisory Board, Grant Castle Biosciences: Honoraria: Advisory Board	PS332
Salman Zaheer, MD	No Disclosures	PP15
Michael E. Zenilman, MD, FACS	No Disclosures	PS100

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The mission of the American College of Surgeons (ACS) Foundation is to promote voluntary philanthropy from Fellows and friends of the ACS to support the College's goals for improving surgical patient care and ensuring the professional standing of surgeons wherever they practice. The Foundation is governed by a volunteer Board of Directors. The ACS Foundation has a single beneficiary: The ACS and, by extension, all those who benefit from its programs in optimal patient care, professional education, and advocacy.

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The American College of Surgeons Professional Association (ACSPA) is an affiliated not-for-profit corporation founded by the ACS Board of Regents in 2002 to develop new products and services to benefit surgeons and their patients. An initial and major component of ACSPA's efforts is the formation of a political action committee (PAC) that works to improve the legislative and regulatory climate in which surgeons practice.

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Committee for Metabolic and Bariatric Surgery

The American College of Surgeons (ACS) and the American Society for Metabolic and Bariatric Surgery (ASMBS) combined their respective metabolic and bariatric surgery accreditation programs into a single unified program to achieve one national accreditation standard for metabolic and bariatric surgery centers, the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP). MBSAQIP works to advance safe, high-quality care for bariatric surgical patients through the accreditation of metabolic and bariatric surgical centers. A metabolic and bariatric surgical center achieves accreditation following a rigorous review process during which it proves that it can maintain certain physical resources, human resources, and standards of practice. All accredited centers report their outcomes to the MBSAQIP database. The Committee for Metabolic and Bariatric Surgery (CMBS) was established to provide support, guidance, and clinical expertise to the MBSAQIP.

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Standing Committees of the American College of Surgeons

Accreditation Review Committee for the American College of Surgeons Program of Accredited Education Institutes

The Accreditation Review Committee for the American College of Surgeons Program of Accredited Education Institutes consists of Fellows of the College who have expertise in various aspects of skills education and training, in addition to directing their own centers. The members of the Committee are appointed by the College and will serve a term of three years, with an option for reappointment for a second three-year term. The Committee meets twice a year to make accreditation decisions. In addition, as needed, the Committee will evaluate the effectiveness of the overall ACS Program for the Accreditation of Education Institutes. The purpose of the Accreditation Review Committee is to review the data and information submitted in the application, and gathered from the site surveyors. The Accreditation Review Committee will make the overall accreditation decision, determining whether an institution that submits an application meets the criteria for accreditation as a Comprehensive or Focused Institute.

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Commission on Cancer

Established by the American College of Surgeons in 1922, the multidisciplinary Commission on Cancer (CoC) establishes standards to ensure quality, multidisciplinary, and comprehensive cancer care delivery in health care settings; conducts surveys in health care settings to assess compliance with those standards; collects standardized data from CoC-accredited health care settings to measure cancer care quality; uses data to monitor treatment patterns and outcomes and enhance cancer control and clinical surveillance activities, and develops effective educational interventions to improve cancer prevention, early detection, cancer care delivery, and outcomes in health care settings. Commission membership comprises 102 individuals who are either surgeons representing the College or member organization representatives from the 56 national, professional organizations affiliated with the Commission. The activities of the Commission are coordinated through the Accreditation, Advocacy, Cancer Liaison, Education, Executive, Member Organization Steering, Nominating, and Quality Integration Committees.

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Committee on Diversity Issues

The mission of the Committee on Diversity Issues is to study the educational and professional needs of underrepresented surgeons and surgical trainees and the impact that its work may have on the elimination of health disparities among diverse population groups. To this end, the Committee seeks recognition and support from the ACS through the College's mission policies and programs.

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The Committee on Education provides the overall direction, guidance, and coordination for the spectrum of educational activities of the ACS and comprehensively addresses the needs of various learners, including practicing surgeons, surgery residents, Fellows, and medical students, at the various stages in their professional development and from across the surgical disciplines.

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The Committee on Ethics provides the Board of Regents with a means for deliberation and preparation of ethical issues that the College may address.

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STAFF LIAISONS:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*
 Patrice Gabler Blair, MPH, *Chicago, IL*

Scientific Forum Committee

The Scientific Forum Committee was instituted by the Board of Regents of the American College of Surgeons to provide a dedicated place within the Clinical Congress where investigators present the results of their original clinical and experimental research. The

Scientific Forum provides a venue for surgeon scientists to exchange novel findings and fosters dialogue through oral and posters presentations. The environment is strongly supportive of surgical trainees' involvement with dedicated awards for excellence in research for this group.

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STAFF LIAISONS:

Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*
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Comprehensive Communications Committee

The Comprehensive Communications Committee helps formulate communications messaging to target the existing and evolving audiences that the College needs to reach. These audiences include our members, the public at-large, policymakers, major corporations, the health care industry, and so on. The members of the committee provide input regarding all communication tools (print, Web, blast e-mail, video, social media). One of the main goals of this effort is to achieve consistent messaging for all College programs and initiatives, such as Advanced Trauma Life Support®, the Commission on Cancer, and the American College of Surgeons National Surgical Quality Improvement Program, policy and advocacy, the Inspiring Quality initiative and other ACS programs.

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General Surgery Coding and Reimbursement Committee

Formerly called the CPT/RUC Committee, the General Surgery Coding and Reimbursement Committee represents and acts in the interests of general surgeons and their clinical practices regarding regulatory, legislative, and other issues that impact coding, billing, and reimbursement for general surgical services.

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Patti Anderson, Chicago, IL

Health Policy Advisory Council

The Health Policy Advisory Council is responsible for fostering an extensive grassroots advocacy network throughout the Fellowship of the College. Councilors are expected to develop expertise on legislative, political, and regulatory issues in order to serve as a two-way communication pathway between Fellows at-large and the Division of Advocacy and Health Policy, and to mentor future members of other health care committees.

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Health Policy and Advocacy Group

The purpose of the Health Policy and Advocacy Group is to identify public policy issues and concerns affecting surgeons and our patients; prioritize these issues and concerns; identify those that the ACS should focus its attention and resources on, and recommend these priorities to the Board of Regents; develop action plans for addressing these issues, including recommending positions and initiatives the College should adopt; expand and monitor mechanisms by which the ACS makes surgeons, our patients, and the public aware of our health policies and agendas; and develop and maintain

mechanisms by which legislative and regulatory issues can be addressed in a timely and effective manner.

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International Relations Committee

To develop relationships and partnerships between the College, international surgeons, and international surgical and other health care organizations to address issues of surgical practice, education, research, advocacy, and leadership with the aim of achieving and safeguarding appropriately high standards of clinical care, access, safety, and quality improvement for surgery worldwide.

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Legislative Committee

The Legislative Committee is responsible for identifying, evaluating, and recommending positions on federal legislation and policy issues that come before the U.S. Congress with the potential to affect the needs, interests, and roles of surgeons and surgical patients.

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Sara Morse, *Washington, DC*

Committee on Medical Student Education

The Committee on Medical Student Education's mission is to comprehensively address the educational needs in surgery for medical students during all four years of medical school, to support educational efforts that facilitate the transition from medical school to residency training, and to facilitate the involvement of medical students in the educational activities of the ACS.

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VICE-CHAIR: Christopher P. Brandt, MD, FACS, *Cleveland Heights, OH*

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Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*
 Patrice Gabler Blair, MPH, *Chicago, IL*
 Kim Echert, *Chicago, IL*
 Nicole F. Laroco, *Chicago, IL*

Committee on Health Care Disparities

The Committee on Health Care Disparities takes the position that there is an irrefutable association between the incidence of and outcomes from a host of surgical diseases and the many barriers (real and artificial) to access to care.

CHAIR: L.D. Britt, MD, MPH, DSc(Hon), FACS, FCCM, FRCSEng(Hon), FRCSEd(Hon), FWACS(Hon), FRCSEd(Hon), FCS(SA)(Hon), FRCSEd(Hon), *Norfolk, VA*

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Patient Education Committee

The Patient Education Committee works to improve the quality of patient care and promote patient safety through educational efforts that recognize patients as integral members of the surgical team. The committee aims to help patients and their significant others become thoroughly informed about their operation, provide evidence to guide them in their decisions, and empower them with the knowledge and skills necessary to participate in their surgical care and continued post-operative care upon discharge.

CO-CHAIRS:

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 Nancy Strand, *Chicago, IL*

Committee on Perioperative Care

The Committee on Perioperative Care (CPC) serves as the primary resource to the College, the profession, the community, and the government on topics concerning perioperative care. The mission of the CPC is to develop and present information and recommendations related to education, technology, standards of care, clinical and facilities management, and assessment of outcomes.

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 Carla G. Manosalvas, *Chicago, IL*

Committee on Resident Education

The Committee on Resident Education comprehensively addresses the educational needs of surgical residents and Fellows from across the surgical disciplines and supports the educational efforts to facilitate the transition from medical school to residency training and from residency training into surgical practice.

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Ajit K. Sachdeva, MD, FACS, FRCSC, *Chicago, IL*
 Patrice Gabler Blair, MPH, *Chicago, IL*
 Kim Echert, *Chicago, IL*
 Cherylann Sherman, *Chicago, IL*

Resident and Associate Society (RAS-ACS)

The RAS-ACS serves to familiarize surgical residents and young surgeons with the ACS and its programs and the value of being a Fellow. The RAS-ACS provides opportunities for the opinions and concerns of residents and young surgeons to be heard by the ACS leadership. The RAS-ACS provides an avenue for participation in ACS affairs and promotes the development and use of leadership skills in organized surgery.

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Scholarships Committee

The Scholarships Committee promotes and administers the ACS research scholarships, fellowships, and awards.

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SESAP® Advisory Committee

The mission of the Advisory Committee is to produce and administer the Surgical Education and Self-Assessment Program (SESAP®) and to aid surgeons in attaining and maintaining the high level of knowledge and understanding necessary to provide optimal patient care.

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 Chrysa Cullather, *Chicago, IL*
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Surgical Research Committee

The Surgical Research Committee is concerned with, and represents the College in, matters that address the progress of academic surgery and the funding, content, and direction of surgical research as it pertains to improving the care of patients.

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The mission of the Committee on Trauma is to improve all phases of the management of the injured patient including prehospital care and transportation, hospital care, and rehabilitation; to prevent injuries in the home, in industry, on the highway, and during participation in sports; to establish and implement institutional and systems standards for care of the injured; to provide education to improve trauma care; and to cooperate with other national organizations with similar objectives.

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The mission of the Women in Surgery Committee is to enable women surgeons of all ages and practice types to develop their individual potential as professionals; promote an environment that fosters inclusion, respect, and success; develop, encourage and advance women

surgeons as leaders; and provide a forum and networking opportunities to enhance women's surgical career satisfaction.

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The Young Fellows Association serves as an inclusive organization for Young Fellows (45 years old and younger); provides opportunities for Young Fellows to be involved with College activities (four Workgroups are available: Advocacy, Communications, Education, and Member Services); plans and conducts an annual Leadership Conference, which is held in conjunction with the Advocacy Summit; and presents an annual forum during the Clinical Congress so that Young Fellows have opportunities to network with each other, to share their concerns, and to meet with members of the College's leadership.

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Index of Program Participants

A

- Aanning, Harald L. 168
 Aarabi, Shahram 137
 Abad, John D. 154
 Abayaah, Evelyn 149
 Abbas, Maher A. 165
 Abbott, Andrea 173
 Abbott, Daniel E. 119, 129, 134, 138, 154
 Abcarian, Herand 75, 164
 Abd Elmageed, Zakaria Y. 177
 Abdelnaby, Abier 175
 Abdel-Naby, Ramy. 123
 Abdelrahman, Amro M. 143, 178
 Abdelrahman, Husham 186
 Abdelsattar, Zaid. 129
 Abdemur, Abraham. 133, 165, 172
 Abdomerovic Augenstein, Vedra. 104
 Abdulghani, Mariam 136
 Abdullah, Fizan 168
 Abe, Kyohei 179
 Abe, Masaru. 173
 Abe, Yuta 169
 Abel, E. Jason 126, 135
 Aboharp, Ziad H. 186
 Abolbashari, Mehran 131, 155
 Abolhoda, Amir 156
 Abood, Gerard J. 60
 Aboulian, Armen 146
 Aboushwareh, Tamer 131
 Aboussaly, Chadi T. 151
 Abraham, Anasooya A. 119, 133
 Abraham, James 151
 Abraham, Rohit 176
 Abramowitz, Steve 107
 Abramson, Leonardo 146
 Abrantes, Ana M. 179
 Abullarrage, Christopher J. 150, 155
 Aceves Avalos, Manuel. 168
 Aceves, Eduardo 168
 Acker, Michael A. 120
 Ackermann, Maximilian 130
 Acosta, Geylor A. 170
 Acquafresca, Pablo. 180
 Adam, Mohamed 144, 147
 Adamas-Rappaport, William 127
 Adams, John M. 188
 Adams, Reid B. 70, 102
 Adebonojo, Samuel Adetola 42
 Aden, James K. 145
 Adler, Joel T. 145, 186
 Adrales, Gina L. 69
 Adzick, N. Scott 53
 Aekka, Apoorva 176
 Afaneh, Cheguevara 155
 Afifi, Ibrahim N. 159
 Agapian, John V. 188
 Aggarwal, Suresh 142
 Agcaoili, Sigrid 131
 Aggarwal, Ankur 150, 155
 Aggarwal, Rajesh. 119, 151
 Agha, Riaz A. 151
 Agrawal, Rajendra. 126
 Agrawal, Swati. 126
 Aguilera, Fabiola 165
 Ahmad, Faiz U. 97
 Ahmad, Sarwat 131, 187
 Ahmad, Syed A. 138
 Ahmed, Ali 142
 Ahmed, Bestoun 160, 161
 Ahmed, Jamil N. 165
 Ahmed, Mashrafi. 185
 Ahmed, Nasim 141
 Ahmed, Rizwan 127
 Ahn, Chang-Hyuck 174
 Ahn, Sam 155
 Ahuja, Nita 171, 185
 Aida, Samer S. 160
 Ajkay, Nicolas 136
 Akagi, Yoshito 171
 Akimoto, Shunsuke. 133, 172
 Akinkuotu, Adesola C. 128
 Akmal, Yasir M. 158, 161, 163, 165
 Al Hassani, Ammar 186
 Al Kuwari, Moahamed 161
 Al Thani, Hassan 186
 Aladaeen, Diya I. 67
 Alam, Hasan B. 56, 115, 132
 Alame, Amer 151
 Alami, Ramzi Samih 108
 Alamilli, Mahdi 175
 Alamo, Ines 132
 Alarcia, Gustavo C. 127
 Alarhayem, Abdul Q. 140, 150, 182, 187
 Alavi, Karim 60, 79
 Alawadi, Zeinab. 121, 122, 181
 Al-Bahri, Shadi. 163
 Alban, Rodrigo F. 141
 Aldakkak, Mohammed 138
 AlEnazi, Naif A. 157, 165
 Alex, Gillian C. 174
 Alexandrino, Henrique. 181
 Alfonso, Antonio E. 123
 Alghoul, Mohammed 65
 Ali Rizvi, Syed Amjad 146
 Ali, Mohamed R. 92
 Ali, Tarik. 166
 Aliakbarian, Hassan 118
 Alizadeh, Reza Fazl. 179, 186
 Alkathiri, Omar 138
 Alkhoury, Fuad 168
 Allaix, Marco E. 146
 Allan, Jonathan 185
 Allard-Picou, Ayana 154
 Allen, Bryan G. 186
 Allen, Casey J. 130, 140, 142, 179, 187
 Allen, Latoya 151
 Allen, Mark S. 138
 Allen, Peter J. 74
 Allen, Robert 187
 Allen, Steven R. 142
 Allen-Mersh, Tim. 151
 Allenson, Kelvin 181
 Allori, Alexander C. 148
 AlMalki, Nour. 141
 Aloia, Thomas A. 80, 138, 169
 Alpert, Seth A. 75
 Alpini, Gianfranco. 182
 Al-Qurayshi, Zaid 124, 138, 147, 180
 Al-Raishouni, Mohammad 151
 Al-Refaie, Waddah B. 136, 144
 Alsaleh, Nuha 124
 Alseidi, Adnan A. 58, 116
 Alshaikh, Husain N. 121
 Alsheekh, Ahmad A. 155
 Al-Shehri, Mohammed 158
 Alsulaim, Hatim A. 184
 Al-Temimi, Mohammed .. 130, 154, 185
 Al-Thani, Hassan 155
 Altheim, Christopher H. 130
 Altieri, Maria S. 143
 Alvarado, Michael. 93
 Alvarez, Fernando A. 162
 Alvarez, Ronald D. 126
 Alverdy, John C. 56
 Alves, Jose 167
 Amankwah, Kwame S. 55, 166
 Ambrosini, Carlo E. 166, 168
 Ambur, Vishnu. 130, 143
 Amin, Arpit 168
 Amini, Neda 138, 148, 181
 Amore Bonapasta, Stefano 181
 Anandam, Joselin L. 175
 Andacoglu, Oya 138
 Andersen, Dana K. 45, 91
 Anderson, James M. 121
 Anderson, Jamie 154, 177
 Anderson, Marissa L. 175
 Anderson, Yvonne E. 128
 Andrei, Valeriu E. 164
 Andreou, Andreas. 144, 154
 Angelidis, Ioannis K. 172
 Angelo, Joseph 178
 Angelos, Peter 63, 127
 Angermeier, Kenneth W. 94, 95
 Angres, Daniel 89
 Annamalai, Alagappan 145, 176
 Annechiarico, Mario M. 181
 Anolik, Rachel A. 148
 Aoki, Takeshi 178, 180
 Aplin, Brett. 142
 Apostol, Radu 162
 Applebaum, Matthew 144
 Aquina, Christopher T. 130, 136
 Arabi, Saman 137

- Arabia, Francisco 156
 Araghizadeh, Farshid Y. 175
 Aratani, Ken-ichi 186
 Araujo, César P. 172
 Araújo, Daniel C. 172
 Arbutina, David R. 101
 Arca, Marjorie J. 128
 Archampong, Emmanuel
 Quaye 42
 Ardestani, Ali. 143
 Ardiles, Victoria 162
 Ardito, Francesco 158
 Ardito, Guglielmo 158
 Arhuidese, Isibor. 150, 155, 171
 Ariyan, Charlotte E. 125
 Ariyoshi, Tomotake 178
 Armbrrecht, Eric S. 184
 Armstrong, William B. 71
 Arnold, Robert 128
 Aronova, Anna. 143
 Arora, Madan. 119
 Arora, Tania K. 154, 173, 181
 Arouca, Rafael 167
 Arriaga, Alexander F. 120
 Arsoniadis, Elliot G. 102, 119
 Arthurs, Zachary M. 150
 Artran Machado, Marcel 158
 Arya, Shipra. 150, 153
 Asanbe, Ope A. 183
 Asbun, Horacio J. 105, 106, 158, 160
 Ascanelli, Simona 174
 Ascher, Enrico 155
 Ascher, Nancy L. 105
 Asemota, Anthony O. 184
 Ashburn, Jean H. 157, 167
 Ashfaq, Awais 156, 157
 Ashley, Dennis W. 50, 80, 158, 167
 Ashrafian, Sogol 176
 Ashton, Carol 143
 Asim, Mohammad. 155
 Askari, Alan 171
 Askari, Reza. 139, 142
 Astudillo Molina, Ruben. 84
 Asturias, Sabrina. 142
 Atala, Anthony. 123, 130, 131, 139,
 155, 177, 186
 Atallah, Chady Ibrahim 134
 Atashroo, David 148, 171
 Atay, Scott M. 185
 Athanasiou, Thanos 171
 Atkinson, Sarah J. 134
 Atluri, Pavan 120, 121
 Attwood, John 183
 Atwal, Mandip 45
 Au, David 149
 Aucejo, Federico 181, 182
 Augenstein, Vedra A. 119, 121,
 122, 151, 152
 Augustin, Stanley M. 93
 Ault, Glenn T. 103, 175
 Auyang, Edward D. 143
 Avenia, Nicola 158
 Avery, Michael J. 166
 Avise, Jennifer A. 133
 Awad, Michael M. 124
 Awad, Ziad T. 160, 161
 Ayaz, Hasan 119
 Aye, Ralph Williams 90
 Ayers, Joseph D. 155
 Aylin, Paul 136
 Ayloo, Subhashini M. 186
 Aylsworth, Arthur S. 148
 Ayoung-Chee, Patricia 140
 Aytac, Erman 152, 174, 175
 Azab, Andrew 155
 Azab, Basem N. 175
 Azagury, Dan E. 118, 119
 Azevedo, Rafael Ulysses 134
 Azfar, Mohammad. 146
 Aziz, Faisal 76, 155
 Aziz, Hassan. 139, 176
 Azizzadeh, Ali 55
 Aznar, Marisa. 148
 Aznar, Nicolas 125
 Azoury, Said C. 129

B
 Babcock, Blake D. 125
 Baber, Jacob 188
 Babu, Maya 49, 82
 Bach, John A. 143
 Bachelier, Philippe. 158
 Bachero Prades, Irene 157
 Bachier-Rodriguez, Marielena. 128
 Backhus, Leah M. 149
 Bada, Alvaro M. 178
 Bader, Julia. 178
 Badgwell, Brian D. 72, 73
 Badiel, Marisol 187
 Bae, Sunjae 127
 Bagwan, Latif S. 156
 Baharlou, Sogol Moaiyed. 183
 Bahl, Manisha 148
 Bahnson, Robert R. 62
 Bahouth, George T. 140
 Bai, Hualong. 132, 155
 Bai, Jigang 178
 Bailey, Christina E. 144
 Bailey, H. Randolph. 52
 Bailey, Jeffrey A. 177
 Bailey, Patrick V. 103, 115
 Bailey, Travis L. 153
 Baimakhanov, Zhassulan 131
 Baird, Andrew 132
 Baison, George N. 122
 Bakaeen, Faisal G. 97
 Baker, Erin H. 179
 Baker, Matthew T. 172
 Baker, Todd A. 172
 Bakhsh, Saaquib R. 174
 Bakkum-Gamez, Jamie N. 101, 127
 Balague Ponz, Carmen 164
 Balan, Ralph Adriel T. 158
 Baldari, Ludovica 161
 Balinger, Chris 173
 Ball, Chad G. 159
 Balla, Andrea 134
 Ballantyne, Garth H. 185
 Ballard, Barry 169, 187
 Ballard, Tiffany 143
 Balsfield, Joseph A. 173
 Bambakidis, Ted 132
 Bamdad, Michaela C. 135
 Banerjee, Ambar 169
 Banerjee, Anirban. 125, 132, 188
 Banerjee, Arna. 176
 Banerjee, Dipti. 127
 Banerjee, Sulagna 124
 Bank, Jonathan 159
 Bankhead-Kenall, Brittany 144
 Bankole, Olufemi B. 107
 Bansal, Vishal 61, 98
 Banton, Kaysie L. 141
 Bao, Yun 154
 Barker, Clyde F. 162, 166
 Barmparas, Galinos 131, 141, 176
 Barnard, Cynthia. 153
 Barnett, Carlton C., Jr. 125
 Barney, Linda M. 57
 Barnhart, Douglas C. 81
 Barocas, Daniel A. 80
 Barosh, Laurel 185
 Barraco, Robert D. 57
 Barry, Mark E. 142
 Barsness, Katherine A. 120, 128
 Bartholomew, Amelia M. 131
 Bartlett, Edmund K. 184
 Bartley, Adam C. 178
 Bashah, Moataz. 161
 Bashirov, Latif 183
 Basili, Giancarlo 166
 Bass, Barbara L. 143
 Bass, Gary A. 146
 Basso, Nicola. 118
 Bastawrous, Amir L. 74, 145, 167,
 152, 174, 175
 Batchu, Ramesh B. 145
 Batista de Sousa, Joao 172
 Baucom, Rebbecca B. 122, 144,
 178
 Bauer, Joel J. 147
 Baum, Justin 162, 182
 Baum, Yoram S. 188
 Baumgartner, Joel M. 144
 Bausum, Anna 188
 Bavaria, Joseph E. 51
 Baxter, Nancy N. 76
 Bayt, Demetria R. 129
 Beale, Elizabeth. 142
 Beardsley, Robert A. 186
 Beaty, Jennifer S. 64
 Becerra, Adan Z. 130, 136
 Beck, David E. 88
 Becker, Aimee M. 154
 Beckerman, William 166
 Bednarski, Brian 144
 Beg, Mansoor H. 144
 Behera, Anit K. 184
 Beierle, Elizabeth A. 90, 135, 182
 Beilman, Gregory J. 138
 Bekele Zerihun, Abebe. 107
 Bell, Brandon. 135, 182

- Bell, Teresa M. 149, 177
 Bellander, Bo-Michael. 141
 Belle, Janeil 130
 Bellin, Melena 138
 Bellizzi, Andrew M. 147
 Bellowin-Marin, Omar 157
 Belyansky, Igor 86, 104
 Benacquista, Teresa 151
 Benay, Cassandre E. 137
 Bendix, Scott 155, 179
 Benedetti, Enrico 145
 Benicini, Lapo 181
 Benjamin, Elizabeth R. . . . 131, 138,
 140, 142, 159, 167, 188
 Benlice, Cigdem. 167
 Bennett, Robert D. 130
 Bentrem, David J. 154
 Berber, Eren. 70, 162, 169
 Berbiglia, Lindsay 119, 137
 Berg, Arthur. 173
 Berg, Regan J. 182, 188
 Berger, Adam C. 137, 178
 Berger, David L. 83
 Berger, Elizabeth R. 120, 135, 136
 Bergeron, Andrew. 183
 Bergerson, Christie M. 121
 Bergman, Simon 137
 Bergquist, John R. 138, 185
 Berho, Mariana 112
 Berian, Julia 136
 Berlin, Ana 61, 101
 Berman, Russell S. 185
 Bernard, Steven. 172
 Bernini, Celso O. 159, 167, 168
 Bernstam, Funda Meric 109
 Bernstein, Leslie 129
 Berri, Richard N. 151, 186
 Berry, John S. IV 136
 Berry, K. Louise. 138
 Berry, William 153
 Bertelsen, Claus Anders. . . . 175
 Besner, Gail E. 182
 Best, Sara L. 135
 Betancourt, Abraham A. . . . 133, 168
 Betyansky, Igor 163
 Beveridge, Gloria B. 144
 Bhanot, Parag 144
 Bharmal, Husain 134
 Bhatia, Parisha 177
 Bhullar, Jasneet S. 124
 Bi, Huanjing 180
 Bianco, Francesco. 165
 Bickler, Steve 43, 81
 Biebl, Matthias 144, 154
 Bienstock, Jessica L. 129
 Biffl, Walter L. 56
 Bigam, David L. 118
 Bilaniuk, Jaroslaw W. 141, 188
 Bilchik, Anton J. 154
 Bild, Diane 87
 Bilimoria, Karl Y. 115, 120, 135,
 136, 137, 153
 Billiar, Timothy R. 132, 140
 Billingham, Richard P. 152
 Billman, Franck G. 47
 Billmire, Deborah F. 89, 90
 Bindroo, Sandiya. 124
 Bingener, Julianne. 138, 143, 178
 Binquet, Christine. 152
 Biondi, Graziano 166
 Birch, Kurtis G. 131
 Biricotti, Marco 166, 168
 Birkmeyer, John D. 120
 Birnbaum, Elisa H. 64
 Birolini, Claudio 178
 Birriel, T. Javier 173
 Biscardi, Andrea 167
 Bismuth, Jean 94
 Biteman, Benjamin 163
 Bitterman, Arie 182
 Bitterman, Nir 182
 Bjerrum, Flemming. 127, 151
 Black, Kimberly S. 158
 Black, Mary 186
 Blackburne, Lorne H. 140
 Blackmon, Shanda H. 75
 Blackwell, Robert H. 126
 Blackwood, Brian 117, 118
 Blackwood, Stuart L. 163
 Blair, Kevin J. 122
 Blair, Laurel J. 119, 121, 122, 151
 Blair, Sarah L. 136, 137
 Blake, Cassann 137
 Blanco, Luis A. 146
 Blankush, Joseph M. 152, 176
 Blansfield, Joseph A. 154, 173, 181
 Blanton, Casi 149, 177
 Blaser, Casey 153
 Blas-Franco, Miguel 174
 Blatnik, Jeffrey A. 67, 159
 Blau, Jared 148, 184
 Blazer, Dan G. III 144
 Blazquez, Luis Alberto 163
 Blebea, John 100, 127
 Bleday, Ronald. 174
 Bleicher, Richard J. 79
 Bleier, Joshua I. 99
 Bliss, Lindsay A. 129
 Block, Shanna 144
 Bloom, David A. 74
 Bloom, Matthew B. 141
 Bloom, Rachel B. 143
 Bloom, Scott W. 175
 Blough, Jordan T. 136
 Blumetti, Jennifer 167
 Blumling, Corrine M. 173
 Blute, Michael L., Jr. 126, 135
 Bochicchio, Grant V. 124
 Bockman, Tammy 153
 Bodenstein, Lawrence 168
 Bodewes, Thomas C. F. 132
 Bodingbauer, Martin. 180
 Bogachev, Maria V. 147
 Bogen, Etai M. 168
 Bohanon, Fredrick J. 123
 Bohnen, Jordan D. 119, 120
 Bollo Rodriguez, Jesus 161, 164
 Bonamici, Nicolas 157, 164
 Bond, Jennifer E. 183
 Bonds, Roger G. 43
 Boni, Luigi 146, 161, 164, 166, 169
 Bonilla-Escobar, Francisco J. . . 187
 Bonrath, Esther M. 176
 Bonvento, Barbara 174
 Boolbol, Susan K. 109
 Boone, Derrick S. 133
 Boone, Jonathan D. 126
 Booth, Sara 154
 Bordeianou, Liliana G. 64
 Borgert, Andrew J. 118
 Borges, Kimberly. 166
 Borgstrom, David C. 47
 Bornstein, Joseph E. 147
 Boselli, Danielle 184
 Bosk, Charles L. 109
 Botelho, Maria F. 179
 Bothe, Albert, Jr. 57
 Bottle, Alex 136
 Boudiab, Elizabeth 176
 Boughey, Judy C. 60, 63, 109,
 112, 136
 Bouton, Michael S. 47
 Bouvet, Michael 157
 Bouyabrine, Hassan 162, 179
 Bowen, Kanika. 172
 Bowen, Megan E. 136
 Bowers, Steven P. 165
 Bowles, Robert J. 67
 Bowling, Jordan D. 135, 182
 Bowman, Ty A. 165
 Bowne, Wilbur B. 125
 Bowyer, Mark W. 101
 Boys, Joshua A. 118
 Bozorghadad, Sayeh. 173
 Bradley, James P. 183
 Bradley, Joel F. 152
 Braghetto, Italo F. 84
 Branco, Bernardino C. 176
 Brandacher, Gerald. 151, 159
 Brandt, Christopher P. 111, 160
 Brasel, Karen J. 75, 105, 127
 Brashers, Valentina. 102
 Bravo, Raquel 119, 157
 Brennan, Matthew. 164
 Brenner, Megan 57, 60
 Brethauer, Stacy A. 77, 111, 133
 Brewster, Luke P. 96
 Brett, Elizabeth A. 139, 148
 Brewster, Luke P. 132, 150
 Brinkman, Charles C. 131
 Brisseau, Guy F. 58, 68
 Brito, Ana. 179
 Britt, L. D. 56
 Britt, Louis G. 164
 Britt, Rebecca C. 76, 84
 Brockmeyer, Joel R. 172
 Broderick, Ryan. 157
 Brodman, Michael. 135
 Brody, Fred 160, 163, 169
 Broering, Julia J. 166
 Broghammer, Joshua A. 93
 Bromberg, Jonathan S. 131

Brook, Robert H.	120
Brooks, Kendall D.	143
Broussard, Brett L.	102
Brown, Carlos V. R.	63, 98, 115
Brown, Daran M.	135
Brown, Gina	112
Brown, Joshua B.	140
Brown, Patricia M.	176
Brownlee, Andrew.	156
Brownson, Kirstyn E.	132, 155
Brozzi, Nicolas.	156, 182
Brubaker, Patricia L.	118
Bruck Rodas, Edgar	107
Brumfield, Cynthia G.	126
Brunicardi, F. Charles	146
Bruns, Nicholas	168
Brunt, L. Michael	56
Bruun, John S.	58
Bryan, Nathan S.	185
Bryn, John C.	134
Buac, Suzana	176
Buchanan, Patrick J.	136
Buchmiller, Terry L.	143
Bucina, Brian A.	146
Buckley, F. Paul	118
Budde, Cristina N.	176
Bueno, Raphael	95
Buesing, Keely L.	61
Buettner, Stefan.	178, 181
Bukur, Marko	63
Bulger, Eileen M.	75, 88, 105
Bullock, Griffin.	149
Burd, Randall S.	187
Burette, Kate J.	148
Burfeind, William	173
Burg, Jennifer M.	102
Burger, David.	90
Burke, Gregory L.	133
Burke, John	167
Burks, Eric J.	160
Burlew, Clay Cothren	56, 57
Burnett, Atuhani S.	152
Burrin, Douglas	128
Burza, Antonio.	157
Busch, Kristin M.	163
Bush, Ruth L.	105, 106
Bush, William S.	126
Butler, Charles E.	100
Butler, Paris D.	184
Butrón, Patricia.	183
Butt, Zeeshan	122
Buxbaum, James	180
Buys, Sandra S.	136
Buyske, Jo	93
Byrne, Ben E.	136, 144

C

Cabrera, Fernando	121
Cabrera, Susanne M.	118
Caffrey, Emer F.	146
Cairns, Bruce A.	122
Calcaterra, Natalie	177
Calistri, Massimo	181
Callaghan, Cameron	184

Callahan, Charles D.	155
Callcut, Rachael A.	57, 67
Calle, Alejandro A.	187
Calvo-Pulido, Jorge	161, 167, 169
Camacho, Diego R.	172
Camacho-Palma, Fernando F.	183
Cambra-Molero, Félix	127, 161, 167
Camelione, Julieta J.	127
Camerani, Stefano.	174
Camerlo, Antoine	180
Cameron, Andrew M.	142
Cameron, John L.	43
Campbell, Alex	148
Campbell, Andre R.	159
Campbell, Michael J.	177
Campbell, Naomi M.	110
Campbell, Rachel	183
Campos Arbulu, Ana L.	158
Campos, Guilherme M.	158
Canner, Joseph K.	121, 150, 155, 178, 184, 187
Cannon, Lisa M.	146
Cannon, Trinitia Yevette	85
Canter, Daniel J.	134, 164, 165
Canter, Robert J.	78
Cao, Hop Tran	144
Capella, Jeannette M.	91
Capote, Hugo	157
Caprini, Joseph A.	153
Capron, Gweniviere	144
Carbonell, Alfredo M.	104
Carbonetti, Francesco	138
Carbray, Joann M.	122
Carchman, Evie	119
Cardella, Jonathan A.	55
Cardoso, Jorge	180
Cardozo, Leandro A.	127
Carlson, Anna R.	148
Carlson, Mark A.	133, 153
Carmen, Ching Man	165
Carmichael, Joseph C.	79, 143, 151, 152, 153, 174
Carroll, Brendan J.	164
Carson, M. Leigh	188
Carter, Elizabeth A.	187
Carter, Jeffrey E.	127
Carter, John W.	127
Carter, Jonathan T.	157
Carty, Matthew J.	149
Carus, Thomas	161
Caruso, Ricardo	160, 169
Caruso, Riccardo R. C.	144
Carvalho, César	181
Casagrande, Marcelo M.	172
Caseiro Alves, Filipe	181
Casella, Giovanni.	118
Casey, Kathleen M.	52
Casey, Kevin M.	155
Cashman, Christopher R.	151
Cassidy, Laura D.	128
Cassinotti, Elisa E. C.	146, 164, 166, 169
Cassivi, Stephen D.	156

Castagneto Gisseyt, Lidia.	118
Castagneto, Marco	118
Castellanos, Andres E.	119, 171, 184
Castle, Erik P.	166
Castro Sousa, Francisco.	181
Castro, Armando Enrique	84
Castro-Sousa, Francisco.	179
Cataldo, Peter A.	98
Cavaness, Keith M.	177
Cavazos, Raul	161
Cawich, Shamir O.	161
Cayne, Neal S.	107
Celebrezze, James P., Jr.	175
Celinski, Scott A.	177
Celio, Adam C.	153
Cen, Cindy	141
Cerabona, Thomas D.	168
Cerutti, Alexandra.	141
Cescon, Matteo	124
Cetrulo, Lawrence.	101
Chadi, Sami A.	176
Chadid, Tatiana	150
Chaer, Rabhi A.	100
Chagpar, Anees B.	137
Chakedis, Jeffery.	125
Chalikonda, Sricharan	138, 154
Chamberlain, Ronald S.	142, 174, 182, 185
Chan, Charles K. F.	139
Chan, Edie Y.	80, 128, 145
Chan, Tyler W.	177
Chand, Bipan	66, 67
Chandra, Venita.	55
Chang, Alex L.	131
Chang, Benjamin	184
Chang, David C.	120, 129, 135, 145, 149, 154
Chang, Edward I.	151, 183
Chang, George J.	74, 87, 89, 110, 144, 169
Chang, Grace X.	130
Chang, Jenny C.	173
Chang, Michael C.	127
Chang, Phillip K.	139
Chao, Edward	187
Chao, Joseph	130
Chao, Yin Kai	107
Chapman, Brandon	185
Chapman, Michael P.	132
Chapman, William C.	105, 106, 153
Charafeddine, Ali	141, 187
Charbel, Jacquelyn M.	174, 175
Charles, Anthony G.	122
Chatterjee, Abhishek	183
Chau, Anthony.	157
Chaudhary, Minal A.	150
Chaudhary, Sushant	124
Chaudhry, Aisha S.	175
Chaudhry, Anuj	121
Chaudhry, Arif Riaz	102
Chaudry, Gulraiz	148
Chawan, Chirag	134
Chea, Hock Ping	124

Cheadle, William G.	136	Chua, Heidi K.	64	Contreras, Mauricio A.	132
Cheah, Hock Ping	154	Chugh, Rohit K.	124	Contreras, Nicolas	128
Cheatham, Michael L.	178	Chun Liu, Rockson Chen	103	Conway, Laronica	149
Chedrawy, Edgar G.	47	Chung, Dai H.	182	Cook, James W.	101
Chelius, Tom H.	128	Chung, Jane	121, 175	Cooke, David T.	88, 149
Chen, Amy Y.	112	Chung, Kevin C.	136	Cooper, Amanda Beth.	138
Chen, Carol W.	120	Chung, Mathew H.	125, 179	Cooper, Zara	63, 72, 73, 137, 142
Chen, David Y.	188	Chung, Michael	139	Copeland, Annesley W.	84
Chen, Eric.	145, 176	Chung, Rex.	131, 176	Copeland-Halperin, Libby R.	178
Chen, Frederick Y.	120	Chung, Stella	176	Coppa, Gene F.	118, 141
Chen, Hegang.	187	Chun-Hei Wu, George	81	Coppola, Alessandro	160
Chen, Herb.	177	Chuong, Michael D.	184	Coran, Arnold G.	182
Chen, Jianmin	161, 180, 181	Church, James M.	133	Coratti, Andrea	181
Chen, Jiong	178	Churchill, Thomas A.	138, 141	Corazzi, Francesco	123
Chen, Joy C.	135	Ciesla, David J.	129	Cordeiro, Peter	93
Chen, Lei	183	Cil, Tulin.	176	Cornejo, Agustín	184
Chen, Mike K.	182	Cilley, Robert E.	153	Cornwell, Edward E. III.	41, 140
Chen, Milton	113	Cima, Robert R.	154	Correa, Jessica	168, 187
Chen, Steven L.	82	Cimino, Matteo	123, 124	Corriere, Matthew A.	133, 150
Chen, Yi-Jen.	130	Cipolle, Mark D.	159, 167	Corso, Katherine.	120
Chen, Yi-Ju.	130	Cipriano, Maria	181	Cortina, Chandler S.	174
Cheng, Aaron.	149	Clair, Daniel G.	92	Corvera, Carlos U.	165
Cheng, Catherine	84	Clancy, Thomas V.	160	Cossa, Juan José.	107
Cheng, Lily.	118	Claridge, Jeffrey A.	140	Costa, Beatriz	181
Cheng, Liying.	183, 184	Clark, Damon.	131	Costa, Guido	123, 124
Cheng, Ruiping	180	Clark, Peter E.	126	Costantini, Todd W.	132, 144
Chen, Vincent	131, 137, 142, 188	Clarke Tracci, Margaret	115	Costanza, Michael J.	55
Cherney Stafford, Linda.	138, 149	Clarks, Anthony G.	122	Costedio, Meagan M.	64, 152, 174, 175
Cherqui, Daniel	158	Clemens, Michael S.	145, 150	Cote, Gregory A.	95
Cherry-Bukowiec, Jill R.	141	Clement, Kathleen.	172	Coughlin, Kimberly R.	186
Chesla, David W.	125	Clements, Ronald H.	49, 92	Council, Laurin	184
Chessin, David B.	147	Clifton, Guy T.	136	Couto, Rafael A.	184
Chi Wei, Alice Chia	105, 106	Clouse, W. Darrin.	79	Couto, Sergio D.	159
Childers, Martin	130	Coburn, Jeannine M.	135	Coward, Robert M.	165
Chin, Anne B.	152	Cocanour, Christine S.	56, 141	Cowles, Robert A.	135
Chin-Lenn, Laura.	159	Coca-Soliz, Vladimir	121	Cox, James C.	149
Chinnder, Sodhi.	147	Cochran, Allyson R.	179	Cox, Tiffany C.	119, 121, 122, 151
Chiong Kho, Rosanne Marie	84	Cody, Ellen	155	Czacov, Yaniv.	124, 137, 156
Chipko, John M.	179	Coe, Robert	151	Craig, Brian T.	182
Chitragari, Gautham	132	Cohen, Jeffrey L.	78	Crawford, Joel M.	158
Chiu, Bill.	128, 135	Cohen, Marc A.	183	Crawford, Robert S.	150, 187
Chiu, William C.	115	Cohen, Mark E.	135, 136	Crisman, Evan C.	125
Cho, Jayun	188	Cohen, Steven M.	185	Crombleholme, Timothy M.	126
Cho, Raymond I.	86	Cohen, Wess	172	Crowell, Kathryn S.	177
Choi, Audrey H.	155	Cohn, Amy	143	Crowell, Kristen T.	142, 152
Choi, Christine S.	145, 173	Cohn, Stephen M.	140, 150, 182	Crowell, Sophia	177
Choi, Dong Soon	173	Coimbra, Raul	57, 132	Cruse, Carl W.	144
Choi, Jennifer M.	147	Colavita, Paul D.	152	Cruz De la Torre, Jose	178
Choi, Jennifer N.	125, 143, 169	Coleman, Jamie J.	67	Cruz Pico, Christian X.	121, 175
Choi, Jenny J.	172	Collet E Silva, Francisco D.	159, 167, 168	Cruz, Arturo.	163
Choi, Jisuk	139	Cologne Kyle G.	175	Cruz, Stephanie M.	128
Choi, Joanna	143	Colohan, Shannon M.	172	Cryer, H. Gill	56, 82
Choi, Kevin.	131	Colombo, Elisabetta Marta	164	Cucchetti, Alessandro	124
Chojnacki, Karen A.	169, 178	Coman, William Barry	42	Cuddy, Amanda	144
Cholankeril, George	180	Condren, Audree B.	169	Cui, Xiangdong	150
Chousleb, Elias	84	Conklin, Charles	125	Cumella, Lindsay.	172
Chow, Eric K. H.	127	Conkling, Nikki	183	Cunningham, Kellie.	147
Christein, John D.	95	Conlin, Christopher	137	Cunsolo, Gaetano V.	167
Christian, Jennifer L.	176	Connolly, Erin E.	118	Cunsolo, Vincenzo	157
Christiano, Jose G.	154	Connor, Chelsea	165	Curci, John A.	132
Christians, Kathleen K.	138	Conrad, Claudius H.	139, 169, 180	Curet, Myriam J.	82
Christmas, Ashley B.	166	Consunji, Rafael	186	Curran, Thomas	101
Chu, Daniel I.	152	Contreras, Juan S.	174, 186	Currie, Andrew	171
Chu, Quyen D.	112, 113				

Curtis, J. Randall 137
 Curvale, Paula 127
 Cutshall, Susan 138
 Czerniach, Donald R. 92
 Czerniecki, Brian J. 183

D

D'Alessandro, Angelo 125, 132
 D'Ambrosio, Giancarlo 134
 Dabas, Surrender 186
 Dabrowski, G. Paul 98
 Dagi, T. Forcht 75, 95, 96
 Dagum, Alexander 183
 Dai, Cuncai 161, 181
 Daley, Donalee 131
 Dalsing, Michael C. 166
 Dalton, Brian G. A. 168
 Damewood, Richard Bryant . . . 93, 94
 Damous, Luciana L. 178
 Damous, Sergio H. 167, 168, 178
 Dance, Derry L. 132
 Danicic, Ashley 175
 Danielpour, Moise 140
 Daoud, Yahya 177
 Dapri, Giovanni 157, 161
 Darby, Geoffrey C. 118, 143
 Dardik, Alan 132, 155
 Darehzereshki, Ali 137
 Darzi, Ara W. 119, 136, 144, 151
 DaSilva, Giovanna 174
 daSilva, Michael J. 164
 Daskalaki, Despoina 165
 Datta, Jashodeep 129
 Dauphine, Christine E. 173
 Davenport, Daniel L. 129, 174
 David, Bradley R. 124
 David, Elizabeth A. 149
 David, Giulia G. D. 146, 166, 169
 Davila, Daniel 122
 Davila, Victor 166
 Davis, Bradley R. 79, 127, 134, 143
 Davis, Christopher R. 131
 Davis, James S. 140
 Davis, John M. 151
 Davis, Michael R. 130, 139
 Davis, Rodney 80, 134
 Davitt, Katlin 125
 Dawes, Aaron J. 120, 146
 Dayama, Anand 132, 141, 187
 Dayton, Paul 125
 De Andrade, James P. 147
 de Geus, Susanna W. L. 129
 De Gregorio, Lucia 177
 De Jesus, Elizabeth M. 125
 De Labio, Anthony 176
 de Lacy, Francisco B. 119
 De Leon, Jesus D. 161
 De Mestral, Charles 132
 de Montbrun, Sandra L. 124, 151
 de Santibañes, Eduardo 42, 158, 162
 de Santibañes, Martin 162
 De, Sumit 188

Dean Huang, Eunice Yuee 102
 Dean, Marc 113
 Deans, Katherine J. 87, 102
 Deasis, Francis 163
 Debelius, Justine W. 135, 182
 DeCamp, Malcolm M. 50
 Dechaphunkul, Tanadech 185
 Decker, Milessa 124
 Dedhia, Priya H. 130
 Deeney, Scott 126
 Degiannis, Elias 110
 Dehmer, Jeffrey J. 168
 Deiling, Sue 145
 Dekker, Simone E. 132
 Del Carmen, Ignacio 183
 Delaney, Conor P. 71, 80, 84
 Delgado, Salvadora 119, 157, 165
 Deliz, Juan 147
 Delko, Tarik 174
 Delle Site, Pietro 167
 Dellinger, E. Patchen 85
 Delos Santos, Nilo C. 179
 DeMeester, Steven R. 90, 116, 118
 DeMeester, Tom R. 164
 Demetriades, Demetrios 131, 140, 142, 159, 167, 182, 188
 Demeusy, Andrew 102
 Demirjian, Aram N. 124, 179
 Dempsey, Daniel T. 172
 Deng, Shi-chang 125
 Denham, Woody 163
 Deniwar, Ahmed 177
 Dente, Christopher J. 159, 167
 Depew, Aron 188
 Derkay, Craig S. 89, 90
 Dermer, Harrison 140
 DeRussy, Aerin J. 152
 Dervishaj, Ornela 89, 158
 Desai, Dev M. 119, 145
 Desai, Karan A. 184
 Desai, Mahesh 42
 Desai, Sapan S. 155
 Desantis, Anthony 179
 Deschamps, Claude 154
 Deshpande, Gaurav S. 148
 Desiato, Vincenzo 185
 Detlev, Erdmann 184
 DeUgarte, Daniel A. 146
 Deutchman, Adam 65
 Deutsch, Gary B. 154
 Deutsch, Michael 131
 DeVecchio, Jennifer 119
 Deveney, Karen E. 48, 91, 176
 Devesa, Mariana 151
 deVilla, Jhun 149
 Devine, Melissa 187
 deVirgilio, Christian M. 94
 Devitt, Peter G. 118
 Devon, Karen M. 48, 61
 Dhal, Abritee 123
 Dhanabalsamy, Nisha 133
 Dhanani, Naila 185
 Dhanorker, Sarah R. 154
 Di Carlo, Heather 188

Di Como, Joseph A. 174
 Di Fazio, Louis T. 141
 Di Saverio, Salomone 167
 Di, Yang 154
 Diamond, Sarah 176
 Diamond, Shawn 167
 Diaz Del Gobbo, Gabriel J. 119, 157, 161, 165
 Diaz, Eduardo 144, 160, 169
 Diaz, Jose J., Jr. 84, 96, 187
 Diaz, Roberto 173
 Diaz-Elizondo, Jose A. 178
 Dickinson, Karen 156
 Dieckmann, William 147
 Dietz, David W. 94, 112, 133, 147, 175
 Dietz, William H. 183
 DiFazio, Louis T. 188
 Diggs, Brian S. 129
 Dilektasli, Evren 131, 140, 142, 182, 188
 Dillavou, Ellen D. 55, 103
 Dillon, Horacio 158
 Dillon, Peter W. 153
 Dimick, Justin B. 69, 70, 118, 120
 Dinesh, Anant 186
 Ding, Xianzhong 174
 Diniz, Mirla F. 172
 Dionigi, Gianlorenzo 166
 Dip, Fernando 126, 146, 147, 170, 179, 181, 182
 DiPaola, Robert S. 53
 Dirbas, Frederick 111
 DiRenzo, Daniel 188
 Dissanaik, Sharmila 103, 185
 Divino, Celia 103
 Dixon Woods, Mary 87
 Dixon, Elijah 159
 Djohan, Risal 172
 Dmochowski, Roger R. 126
 Doben, Andrew R. 67
 Dodson, Blair 126
 Doepker, Matthew 144
 Dolberg, Michael E. 158
 Dollbaum, Ryan C. 142
 Dombrovskiy, Viktor 126
 Dominguez, Edward P. 143
 Donadon, Matteo 123, 124
 Donahue, Timothy R. 145
 Dong, Dinghu 178
 Dong, Liming 171, 181
 Dong, Matthew 158
 Donnelly, Bryan 135
 Donohue, Pamela 129
 Dorafshar, Amir H. 159, 183
 Dorfman, Tatiana 182
 Doros, Gheorghe 132
 Dort, Jonathan M. 127, 178
 Dos Santos Valgode, Elisabete Maria 174
 Dos Santos, Ricardo S. 163
 Doscher, Matthew E. 151
 Doski, John J. 182
 Dossa, Avafia Y. 123

Dossett, Lesly A.	173
Dove, James T.	154, 173, 181
Dowdy, Sean C.	101
Downes, Michelle R.	146
Downey, Susan E.	46
Downs, Tracy M.	126, 135
Doyle, Adam J.	150
Dozois, Eric J.	71
Drake, Carolyn B.	124
Draoua, Mark M.	145
Draus, John M.	168
Du, Jerry.	148
Du, Zunguo.	154
Dua, Anahita	155
Dua, Monica M.	138, 180
Dubina, Emily	94
Dubois, Luc	176
Dubois, Rinci L.	170
Duclos, Antoine.	149
Dudeja, Vikas.	124
Duh, Quan-Yang.	148
Duke, William S.	158
Dumon, Kristoffel R.	172
Dun, Erica	162
Duncan, Audra A.	113, 166
Dunkin, Brian J.	57, 66
Dunn, Ernest L.	144
Dunn, Margaret M.	74
Dunn, Rodney L.	153
Dunn, Ty B.	138
Dunne, James R.	79
Dunnington, Gary L.	123, 149
Dunst, Christy M.	90
Dupree, James M.	153
Dupree, Phylcia D.	135
Duraes, Eliana F. R.	172
Duraes, Leonardo C.	133, 147
Duran, Hipolito	144, 160, 169
Durand, Paul	172
Durso, Joseph	131
Duscher, Dominik	139, 148
Duwayri, Yazan	150
Duza, Guillermo.	146
Dzakovic, Alexander.	68

E

Eachempati, Soumitra R.	146
Easson, Alexandra M.	61, 73
Easterling, Douglas.	133
Eastman, Alexander L.	57
Eastridge, Brian J.	140, 150, 187
Echaniz, Gaston.	148
Ecker, Brett L.	184
Eckman, Delrae	130
Edelson, Mitchell I.	114
Edwards, Michael J.	131, 141
Edwards, Paul A.	86
Edye, Michael B.	164
Efron, Jonathan E.	152, 171
Efron, Philip A.	132
Eguchi, Susumu	173
Ehrlich, Laurent	182
Ehrlich, Peter F.	143
Eisa, Waleed.	188

Ejaz, Aslam.	102, 136, 138, 178
El Hag, Selma.	138
El Kasmi, Karim C.	125
El Menyar, Ayman	186
Elabbasy, Fady.	154, 179
Elarini, Tarik	167
El-Hayek, Kevin M.	158, 161, 163
Eli, Eduardo	166
Eliaison, Jonathan L.	68, 69
Eliceri, Brian	132
El-Kadere, Luciana	170
El-Kashlan, Hussam K.	146
ElKhal, Abdallah	131
Elli, Enrique F.	165
Elliott, Heidi L.	152
Elliott, John O.	143
Ellis, Marco F.	65
Ellison, E. Christopher	49, 52, 114, 160
Ellison, Halle B.	173
Ellner, Scott J.	50
Ellozy, Sharif	166
Ellsworth, Warren A.	121
El-Matbouly, Moamena.	186
El-Menyar, Ayman	155
Elmore, Leisha C.	124
Eloy, Jean A.	108
El-Rabaa, Saleem	175
Elsey, James K.	43
Elshaer, Mohamed	175
Elster, Eric A.	105, 106
Emberg, Matt M.	141
Enestvedt, Brintha K.	176
Eng, Cathy	169
Engbrecht, Brett W.	153
Englesbe, Michael J.	77, 114
Entezami, Pouya	182
Epstein, Marina	163
Ercolani, Giorgio G. E.	124
Erdahl, Lillian M.	76
Erickson, Beth A.	138
Eriksson, Elof.	100
Ertl, Christian W.	159, 167
Ertl, William J. J.	159
Escobar, Oswaldo H.	123
Eskandari, Mark K.	55, 107
Eslami, Mohammed H.	132
Espert, Juan Jose	165
Esquivel, Micaela M.	122, 129
Essien, Eno-Obong	176
Ester, Anthony L.	94
Etchegaray, Jason M.	149
Etkin, Yana	166
Ettner, Susan L.	120
Etzioni, David A.	76
Eubanks, Steve	92
Evans, Brad	129
Evans, David C.	131
Evans, Douglas B.	74, 138
Evans, Gregory R. D.	93
Evans, Heather L.	63, 81, 114
Evans, Jaden D.	149
Evans, Korboi	134
Evans, Nathaniel R.	178

Evans, Tyler A.	166
-------------------------	-----

F

Fabian, Timothy C.	100
Fabra, Isabel	144, 160, 169
Fabri, Peter J.	58, 59
Facy, Olivier.	152
Fahey, Thomas J. III	143
Fahy, Bridget N.	73, 74
Fairman, Ronald M.	166
Faiz, Omar	136, 144, 171
Falcone, Richard A.	57
Falena, Izak	126
Faley, Brian	152
Fallas, Moses J.	164
Familusi, Olatomide	151
Fanelli, Robert D.	66, 67
Fang, Sandy H.	133, 152
Fann, James I.	44
Farber Alik	132
Farber, Mark A.	113
Fard-Aghaie, Mohammad.	162, 169
Farhat, Walid A.	99
Faries, Mark B.	154
Faries, Peter L.	155, 166
Farinas, Angel	121, 175
Farjah, Farhood	149, 152
Farma, Jeffrey M.	154
Farmer, Diana L.	41, 108
Farmer, Paul E.	42, 43, 51, 81
Farnell, Michael B.	185
Farrell, Paula R.	120
Farrell, Timothy M.	99
Farsi, Marco	181
Fasano, Marcelo J.	127
Fawley, Jason.	101, 118, 128
Fayad, Zahi.	155
Fayezizadeh, Mojtaba.	152
Fazl Alizadeh, Reza.	124, 174
Fecher, Alison M.	177
Fedor, David M.	172
Feig, Barry W.	144
Feingold, Daniel L.	78, 79
Feldman, David L.	135
Feldman, Liane S.	56, 80, 98
Feldman, Steve A.	186
Feldtman, Robert W.	155
Feliciano, David V.	75, 100
Felinski, Melissa	101
Felix, Edward L.	160, 163
Felltwood, Vidyaratna A.	145
Feo, Carlo V.	174
Feo, Leandro	157
Ferdinand, Francis D.	110
Fergany, Amr F.	167
Ferm, Samson	155
Fernandes, Alexandra I.	179
Fernandes, Felipe Alexandre.	134
Fernandez Vila, Juan M.	158
Fernandez, Gustavo	157
Fernandez, Hoylan	145
Fernandez-Hevia, Maria	119, 157
Fernandez-Moure, Joseph S.	121, 185

- Fernandez-Ranvier,
 Gustavo G. 158, 166
 Fernando, Emil J. 159
 Ferrada, Paula 57, 67
 Ferrara, Craig A. 155
 Ferrari, Mauro 185
 Ferraris, Victor A. 129
 Ferreres, Alberto R. 107, 127
 Ferri, Valentina V. F. 144, 160, 169
 Ferrone, Cristina R. 124
 Ferronetti, Antonio 144
 Fesco, Andras B. 120, 176
 Feske, Ulrike 128
 Fichera, Alessandro 75, 145, 147,
 152, 157
 Ficke, James R. 85
 Fields, Ryan C. 138, 148, 162, 181
 Figg, William D. 185
 Filatov, Asia 121, 175
 Findlay, Michael W. 131
 Fine, Neil A. 136
 Fingerhut, Abraham 42, 146
 Finkbeiner, Stacy R. 130
 Finlayson, Emily V. A. 77
 Finlayson, Samuel R. G. 62, 120
 Finnerty, Brendan M. 143
 Fischer, John P. 184
 Fischer, Laura E. 158
 Fischer, Lauren H. 139
 Fischer, Mary E. 105, 106, 166
 Fisher, Mason R. 168
 Fitz, Evan Kenneth 89
 Fitzgibbons, Robert J. 70
 Fitzgibbons, Shimae C. 144, 177
 Fizan, Abdullah 43, 81
 Flaherty, Devin C. 154, 185
 Flanagan, Meghan R. 172
 Flanigan, Robert C. 126
 Fleetwood, Vidyaratna A. 128, 174
 Fleming, Fergal 98, 130, 136
 Fleming, Jason B. 138
 Fleming, Mark E. 134
 Fleshman, James W. 63, 87, 89,
 112
 Fleschmann, Edith 180
 Flindall, Ian R. 119
 Flink, Benjamin J. 150
 Flint, Lewis M. 49, 101
 Flint, Paul W. 62
 Florence, Michael G. 145, 152
 Flores Gonzales, Juan R. 152
 Flores, Efren 178
 Flores, Juan R. 157
 Flores-Gonzalez, Juan R. 174
 Flores-Villalba, Eduardo A. 178
 Fluck, Marcus B. 181
 Fluke, Laura M. 146
 Flum, David R. 45, 91, 98, 114,
 145, 149, 152, 172
 Foley, Eugene F. 119
 Foley, Paul J. 166
 Folzenlogen, Zach 153
 Fong, Yuman 110
 Foong, Hanyao 187
 Forastieri Molinari, Andrea 123
 Forbes, Thomas L. 132
 Force, Luanne M. 101
 Ford, Henri R. 53, 96, 123, 135,
 177, 182
 Ford, Jennifer 186
 Forrester, Jared 129
 Forsythe, Raquel M. 140
 Foshag, Leland 154
 Fosnot, Joshua 184
 Foster, Clarence E. 186
 Foster, Deshka 125
 Foster, Trenton R. 132, 155
 Fouraker, Bradley D. 49
 Fovell, Robert G. 188
 Fowler, Alexander 151
 Fowler, Kathryn L. 128
 Fox, Craig R. 120
 Fragoso, Miguel 132
 Fraiser, Lane L. 154
 Fraker, Douglas L. 76, 129, 177, 184
 Francescatti, Darius S. 111
 Franco, Sarah 150, 188
 Frangos, Spiros G. 140
 Frank, Charles E. 143
 Frankel, Heidi L. 63, 67
 Franklin, Adam 165, 169
 Franklin, Morris E., Jr. 178
 Franko, Jan. 133
 Fransgaard, Tina 134
 Fredrich, Katherine M. 118
 Freeman, Christopher M. 141
 Freeman, Matthew D. 176, 184
 Freeman, Robbie 176
 Freeman-Daily, Janet 149
 Fregoli, Lorenzo 166
 Freischlag, Julie A. 52, 103, 177
 Freno, Daniel 102, 169
 Frick, Kevin D. 136
 Fried, Gerald M. 56
 Friedewald, Sally 79
 Friedman, Gregory K. 135
 Friedman, Kathryn 172
 Fries, Charles A. 130, 139
 Frieze, Randall S. 137, 140, 141,
 149, 153
 Fripp, Vikisha Tyese 104
 Frisch, Chris 141
 Froehlich, James B. 97
 Froese, Daniel 174
 Fry, Donald E. 101, 105
 Fu, Deliang 154
 Fuchs, Hans F. 157
 Fuchshuber, Pascal R. 56, 159
 Fuhrman, George M. 119, 125
 Fujii, Tsutomu 185
 Fujii, Wataru 176
 Fujimori, Akira 178, 180
 Fujita, Fumihiko 131, 173
 Fujita, Takashi 141
 Fujiwara, Hitoshi 186
 Fujiwara, Michitaka 185
 Fuks, David 180
 Fukumitsu, Ken 180
 Fukutomi, Takasi 173
 Fukuyama, Mitsutoshi 173
 Fuller, Benjamin 126
 Fullerton, David A. 120
 Fullerton, Natalia 148
 Fung, John J. 169
 Funk, Luke M. 118, 133
 Furtmueller, George 159
 Furukawa, Kenei 179
- ## G
- Gad, Shady 148
 Gadde, Rahul 154, 179
 Gadeballi, Samir K. 68
 Gaffar, Iljana M. 123
 Gaffey, Ann C. 120
 Gagner, Michel 164, 168, 170
 Gahtan, Vivian 166
 Gajdos, Csaba 185
 Galante, Daniel J. 152
 Galante, Joseph M. 124
 Gale, Craig M. 146, 149
 Galicia, Rommel M. 158
 Gallaher, Jared R. 122
 Galvani, Carlos A. 165, 170
 Gama-Rodrigues, Joaquim 134
 Gamble, Charlotte 148
 Gamblin, T. Clark 123
 Gandotra, Neeru 135
 Gange, William S. 126
 Gangopadhyay, Noopur 151
 Ganju, Aruna 162
 Gantt, Gerald A. 119
 Gao, Qingdong 180
 Gao, Sherry X. 149
 Gao, Wentao 161, 180, 181
 Gao, Yuqing 153
 Garcia Aroz, Sandra 145
 García Nores, Gabriela D. 139, 148,
 184
 Garcia, Albert F. 122
 Garcia, Rafael 84
 Garcia, Reinaldo 168
 Garcia-Aguilar, Julio E. 110, 157
 Garcia-Garcia, Maria P. 140, 142,
 187
 García-Hernández, Santiago S. 161
 Garcia-Roca, Raquel 145
 Garcia-Sesma, Alvaro 161, 167,
 169
 García-Ureña, Miguel Angel 163
 Gardenier, Jason C. 139, 148, 184
 Gardner, Aimee K. 124, 151
 Gardner, Christopher 143
 Gardner, James 110
 Garely, Alan D. 109
 Garfein, Evan S. 139
 Garvey, Erin A. 156
 Garvey, Patrick B. 151, 183
 Gasparri, Mario G. 67
 Gassner, Marika 166
 Gaston, Kris E. 134
 Gatas, Jessica A. 165
 Gates, Jonathan D. 142

Gaughan, John	143	Goelz, Richard	184	Greenberg, Caprice C.	74, 87, 120, 154
Gavitt, Brian J.	167	Goetz, Austin	125	Greenberg, Jacob A.	60, 70, 118
Gawande, Atul A.	120, 153	Goff, Stephanie	186	Greenberg, Richard E.	188
Gayer, Christopher P.	123, 135	Gögenur, Ismail	121, 134, 151, 175	Greenburg, Sarah	43, 81
Gayet, Brice	180	Goldberg, Amy J.	43, 84, 125, 143	Greenburg, Jacob A.	86
Gaz, Randall D.	177	Goldberg, Jeffrey M.	174	Greene, Arin K.	148, 150
Gearhart, John	188	Goldberg, Michael B.	125	Greene, Julia M.	136
Gearhart, Susan L.	152	Goldblatt, Matthew I.	118, 122	Greene, Peter	136
Gecelter, Gary R.	70	Golden, Jamie	123, 135, 182	Greene, Wendy R.	140
Gegios, Alison	138	Goldfarb, Melanie	182, 185	Greenleaf, Erin K.	137, 185
Geller, David A.	158	Goldfield, Vivian	143	Greenspan, Peter B.	93
George, Ben	138	Goldin, Adam B.	81, 135, 182	Greenup, Rachel A.	148
George, Benson M.	148	Goldman, Charles D.	133	Gregg, Justin R.	126
George, Brian C.	82, 120	Goldman, David J.	86	Gregg, Zachary A.	145, 167
George, Ivan M.	163	Goldstein, Allan M.	118	Gries, Lynn M.	128, 131, 134, 137
Georgescu, Claudiu	142	Gollar, Dinakar	104	Grikscheit, Tracy C.	117, 128, 130, 135, 182
Georgoff, Patrick E.	102	Golshan, Mehra	96	Grimes, Matthew	135
Gerlach, Travis	127	Gomez, Cristian	172	Grimm, Leander M.	167
Germano, Isabelle M.	162	Gomez, Daniel A.	172	Grishin, Anatoly V.	135, 177, 182
Germanwalu, Arpita	108	Gonçalves, Ana C.	179	Griswold, Anthony J.	142
Gernand, Jill	119, 137	Gong, Jin	181	Griswold, Sharon	171
Gerstenhaber, Jonathan	183	Gong, Yi	180	Grogan, Raymon H.	148
Gervacio, Ignacio	180	Gonzales, Juan R.	122	Grogan, William P.	41
Getrajdman, Joelle	187	Gonzalez, Andrew A.	136	Gross, Kirby R.	177
Getz, Stanley B., Jr.	151	Gonzalez, Chris M.	126, 134	Gross, Kristin	174
Getzug, Terri E.	147	Gonzalez, Eduardo	132, 188	Gross, Neil D.	113
Gewertz, Bruce L.	75, 116	González, Enrique	163	Grossman, Julie G.	181
Ghaderi, Iman	165, 170, 177	Gonzalez, Frank J.	147	Groth, Shawn S.	144
Ghaferi, Amir A.	136, 149	Gonzalez, Katherine W.	168	Grover, Atul	103
Ghanem, Omar M.	163	Gonzalez, Ricardo J.	144	Grover, Brandon T.	172
Ghani, Khurshid R.	153	Gonzalez, Richard P.	187	Gruber, Scott A.	145
Ghanta, Ravi K.	120, 121	Goodman, Steven D.	182	Gruzdyn, Oksana V.	145
Ghate, Sujata V.	148	Goodship, Jonathan	119	Guarch, Gerardo A.	130
Ghosh, Pradipta	125	Gor, Ronak A.	164, 165	Guardado, Jesse	175
Giaccia, Amato J.	172	Gordy, Stephanie D.	60	Guerra, Francesco	181
Giannarelli, Chiara	155	Gore, Amy	137	Guerrero, Marlon A.	147
Giannone, Jonathan	168	Gore, Jesse	185	Guerrieri, Mario	134
Giatsidis, Giorgio	183, 184	Gorfine, Stephen R.	147	Guerron, Alfredo D.	159
Gibbons, Alexander T.	168	Gorgun, I. Emre	152, 165, 174, 175	Guerron, Daniel	163
Gibney, Geoffrey T.	109	Goto, Satoru	178	Guevara, Cesar	172
Gibreel, Waleed	182	Gottlieb, Lawrence J.	159	Guillamondegui, Oscar D.	56, 126
Giel, Dana W.	128	Gou, Shanmiao	175	Guillem, Jose G.	71
Gilbert, Victoria	173	Gould, Jon C.	60, 78, 133, 165, 169	Gulbins, Erich	141
Gillert, Jeanne E.	127, 144	Gourin, Christine G.	85	Gullick, Allison A.	152
Gillespie, G. Y.	135	Gourlay, David M.	118	Gunter, Oliver L.	67, 96
Gilot, Margaret E.	137	Gow, Kenneth W.	182	Guo, Feng	161, 180, 181
Gilsdorf, Daniel	146	Goyal, Punit	177	Guo, Lian-Wang	150, 188
Giminez, Mariano E.	180	Gracias, Vicente H.	85, 102	Guo, Ping	123
Gioux, Sylvain	178	Gradishar, William	96	Gupta, Amar	145
Gitelis, Matthew E.	122, 159	Graham, David	105	Gupta, Gopal N.	126
Gittes, George K.	123	Graham, Hannah K.	118	Gupta, Mantu	165
Giuliano, Armando	163	Graham, Laura	135	Gupta, Prateek K.	150
Giulianotti, Pier C.	165	Grant, Scott	96	Gupta, Sushil	177
Giuratrabocchetta, Simona	174	Grantcharov, Teodor P.	120, 124, 151, 176	Guraieb-Trueba, Montserrat	178
Giustozzi, Erica	158	Gratzon, Andrew C.	178	Gurien, Lori A.	149
Glaser, Jacob J.	67	Gravante, Gianpiero	175	Gurtner, Geoffrey C.	44, 131, 139, 148, 171
Glaser, Julia	166	Graygo, Jill	140	Gusani, Niraj J.	74, 81
Glaser, Shanon	182	Greco, Stephanie	131	Gutierrez, Maria I.	122
Glasgow, Robert E.	78	Green, Daniel W.	97	Gutt, Adam	154
Glasgow, Sean C.	64, 145	Green, Donald J.	187	Gutwald Miller, Jennifer	176
Glass, Jeffrey L.	178	Green, Jamie M.	125	Guy, T. Sloane	130
Gleason, Tom	94	Greenawald, Lawrence	119, 171, 184		
Gleeson, Elizabeth	125				
Goel, Shakti A.	188				

Guzman, Johann Paulo S. 179
 Guzman, Raul J. 133

H

Ha, Christina 147
 Haas, Eric M. 84, 152, 157, 174
 Habermann, Elizabeth B. 138, 154, 185
 Habibeh, Hussein 162
 Habr-Gama, Angela 133
 Hacina, Lisa 179
 Hackam, David 168
 Haddad, Anthony 183, 184
 Hagen, Jeffrey A. 118
 Haggerty, Stephen P. 163, 164
 Hagopian, Ellen J. 70
 Haider, Adil H. 87, 120, 129, 141, 142, 153
 Haider, Ansab A. 128, 131, 153, 187
 Haisch, Carl E. 124, 143
 Hakky, Tariq 165
 Halaweish, Ihab 132
 Haldeman, Allison J. 183
 Hall, Bruce L. 76, 115, 135
 Hall, Chad. 182
 Hall, Daniel E. 128
 Hall, Erin C. 136
 Hall, Jason F. 79
 Hallbeck, Susan 143, 178
 Hallowell, Peter T. 75, 172
 Halpern, Andrew E. 173
 Halpin, Laura E. 142, 159
 Haltmeier, Tobias 131, 140, 142, 188
 Halverson, Amy L. 48, 65, 120
 Halverson, Terri 153
 Ham, Bruce 129
 Hamada, Yasuhiro 181
 Hamdan, Allen D. 130
 Hamill, Jennifer B. 172
 Hammer, Peter 182
 Hammermeister, Karl 153
 Hammett, Ellen 183
 Hammill, Chet 70
 Hammon, Baron 48
 Han, Ho-Seong 158
 Handa, Takemi 173
 Handorf, Elizabeth 188
 Hanif, Hashim 102
 Hanks, John B. 75, 124
 Hanna, Andrew 184
 Hanna, Erin 160
 Hanna, Mark H. 118, 124, 143, 151, 153, 174, 179, 180, 186,
 Hanna, Mena 154, 179
 Hanna, Nader N. 184
 Hannenberg, Alexander 95
 Hans, Sachinder S. 166
 Hanseman, Dennis 119
 Hansen, Laura W. 118
 Hansen, Nora M. 79
 Hanssen, Andres 170
 Hanssen, Rafael A. 170
 Harada, Megan 141, 145

Hardiman, Karin M. 92
 Har-el, Yah-el 183
 Hari, Danielle M. 173
 Harkin, Alden H. 105
 Harmon, Carroll M. 99
 Harmon, John W. 142
 Harms, Bruce A. 119
 Harmsen, William S. 128
 Harness, Jay K. 74, 93
 Harney, Rodney Tyler 102
 Harnsberger, Cristina R. 157
 Harold, Kristi L. 156, 157
 Harr, Jeffrey N. 160, 163, 169
 Harrell, James E. 155
 Harris, Donald G. 187
 Harris, Jamie 128, 135
 Harris, Jennifer W. 168, 174
 Harris, Kenneth A. 151
 Harris, Sheena Kim 102
 Hart, Alexandra M. 184
 Hart, Kyle 176
 Hartranft, Charles 101
 Harzman, Alan E. 166
 Haseebuddin, Mohammed 188
 Hashida, Hiroki 167
 Hashimoto, Takuya 132, 155
 Haskins, Ivy N. 160
 Hassan, Saif 182
 Hassinger, Taryn 102
 Hatano, Etsuro 180
 Hatano, Masahide 162
 Hatzaras, Ioannis 148, 185
 Haubert, Lisa M. 174
 Hauser, Joshua M. 61
 Haut, Elliott R. 87, 153
 Havens, Joaquim M. 142
 Havrilesky, Laura 148
 Hawkins, Melinda 174
 Hawkins, William G. 181
 Hawn, Mary T. 44, 97, 98, 111, 114, 135
 Hayari, Lili 182
 Hayashida, Naomi 173
 Hayden, Dana M. 119, 174
 Haynes, Alex B. 85, 153
 Haze, Jeffrey W. 66, 67
 He, Elizabeth 174
 He, Hao 149, 155
 He, Jack C. 140
 Heafner, Thomas A. 145, 150
 Healy, Mark A. 154
 Hebra, Andre 168
 Hechenbleikner, Elizabeth M. 136
 Hedican, Sean P. 135
 Hedrick, Traci L. 109
 Heffernan, David 131
 Heise, Charles P. 60, 119
 Heitman, Elizabeth 127
 Held, Jenny 146
 Helgstrand, Frederik 121
 Helmi, Christina 123
 Helton, William S. 169
 Hemmila, Mark R. 114
 Hemming, Alan William 105, 106

Hendershot, Kimberly M. 176
 Henderson, David K. 89
 Henderson, Peter W. 183
 Henderson, William G. 153
 Hendren, Samantha K. 92, 129
 Hendricks, LeShon 163
 Hendrickson, Deana 149
 Hendrickson, Richard J. 168
 Heneghan, Rachel E. 169
 Heniford, B. Todd 76, 88, 104, 119, 121, 122, 151, 152
 Henn, Matthew C. 121
 Henrichsen, Jacob L. 146, 149
 Henry-Tillman, Ronda S. 66
 Hensley, Bradley J. 130, 136
 Herert McDougall, Virginia 84
 Herman, Joseph M. 185
 Hernandez Casanovas, Pilar 164
 Hernandez, Brian S. 188
 Hernandez, Enrique 47
 Hernandez, Juan D. 161
 Herrera-Escobar, Juan P. 140, 142, 187
 Herron, Daniel M. 56, 157, 158, 160, 163, 169
 Hershberger, Richard C. 55
 Hertl, Martin 128, 145
 Hesh, Christopher A. 188
 Heslin, Martin J. 135
 Hespe, Geoffrey E. 139, 148, 184
 Hessey, Jacob 159
 Hessner, Martin J. 118
 Heydari, Afshin 174
 Hyoung Kim, Tae 155
 Hibi, Taizo 169
 Hicks, Caitlin W. 150, 155
 Hicks, Michael 119
 Hidaka, Masaaki 131
 Higashijima, Jun 173, 181
 Hight, Rachel Ann 79
 Hill, Joshua S. 184
 Hindin, David 183
 Hines, O. Joe 145
 Hingorani, Anil P. 100, 155
 Hink, Ashley B. 165, 169
 Hirano, Satoshi 179
 Hirose, Kenzo 123
 Hirschl, Ronald B. 99
 Hisaka, Toru 171
 Hisamori, Shigeo 119
 Hlavacek, Cynthia M. 140
 Ho, Gloria Y. 187
 Ho, Hang 127
 Hoballah, Jamal J. 85, 110, 123
 Hobson, Deborah B. 152
 Hochman, Beth R. 142
 Hochstetler, Marion 163
 Hodges, Maggie 185
 Hodin, Richard A. 108, 177
 Hoedema, Rebecca E. 64
 Hoehn, Melanie 60, 93
 Hoehn, Richard S. 129, 131
 Hoey, Brian A. 131
 Hoff, William S. 131

Hoffman, Rosemary A. 132
 Hoffmann, Henry. 174
 Hofmann, Luke J. 178
 Hogg, Deborah. 124
 Hogg, Melissa E. 127
 Hokugo, Akishige 139, 183, 184
 Holbert, Chelsey 181
 Holder-Murray, Jennifer M. . . . 157, 175
 Holena, Daniel N. 142
 Holihan, Julie L. 122
 Hollands, Celeste M. 77
 Hollenbeak, Christopher S. . . . 137, 145, 146, 153, 185
 Hollenbeck, Scott T. 148, 184
 Hollinger, Edward F., Jr. 125
 Hollis, Michael V. 176
 Hollis, Robert H. 135
 Holm, Tobjorn 99
 Holoyda, Kathleen A. 128
 Holt, Danielle B. 178
 Holt, Shelby A. 165
 Holzman, Michael D. . . . 122, 144, 178
 Hommes, Daniel 147
 Honda, Goro 161, 162, 181
 Hong, Julie 129, 185
 Hong, Wan Xing 139
 Hong, Young K. 136, 185
 Honjo, Masahiko 162, 181
 Hook, Lauren 125
 Hooks, W. Bordon IV. 160
 Hope, William W. 70, 160
 Hopewood, Peter S. 74
 Horgan, Santiago 157
 Horiuchi, Hiroyuki 171
 Horiuchi, Takashi 179
 Horowitz, Nina R. 137
 Horst, Kathleen 111
 Horton, James 152
 Hoscheit, Matthew 174
 Hoshi, Hisakazu. 169
 Hoskins, James D. 168
 Hossain, Jobayer. 172
 Hostetter, Wayne L. 116
 Hotta, Mayo 180
 Hotta, Ryo 118
 Hou, Chunsheng 180
 Hou, Xiaogang 130
 House, Michael G. 163
 Houwen, Frederick K. 186
 Howard-McNatt, Marissa 109, 110
 Howard, Trent 133
 Howdieshell, Thomas R. 99
 Howe, James R. 147
 Howell, Kenneth W. 132
 Hoyt, David B. 42, 46, 105, 106
 Hricik, Lauren M. 173
 Hsu, Elizabeth 137
 Hsu, Harold 133
 Hsu, Kun-Tai. 177
 Hu, Haidi 155
 Hu, Michael S. 139, 171
 Hu, Min. 139
 Hu, Yinin. 124, 143

Hu, Yue-Yung 119, 120
 Huan, Chongmin 123
 Huang, Chenxi 175
 Huang, Jonathan H. 188
 Huffman, Joan L. 74
 Hughes, George C. 113
 Hughes, John D. 176
 Hughes, Kakra 55
 Hughes, Kevin S. 79
 Hughes, Marybeth S. 112
 Hughes, Melany C. 146
 Hughes, Taylor L. 187
 Huh, Warner K. 126
 Huling, Jennifer 155
 Hull, Tracy L. 75, 87
 Humphreys, Mitchell R. 126
 Humphries, Misty D. 150
 Hungness, Eric S. 65
 Hunsinger, Marie A. 173, 181
 Hunt Morrow, Ellen. 78
 Hunt, David R. 76
 Hunt, Madison M. 146
 Hunter, Catherine J. . . . 96, 117, 118
 Hunter, George J. 177
 Hunter, John G. 163, 164
 Huntington, Ciara 119, 121, 122, 151, 184
 Huntsman, Thomas W. 65
 Hurd, William W. 76
 Hussaini, Adnan S. 149
 Hutter, Matthew M. . . . 49, 111, 129, 149, 152
 Huynh, Cindy. 166
 Hwabejire, John O. 140
 Hwang, E. Shelley 60, 110
 Hwang, Grace S. . . . 143, 152, 153, 175, 179, 180
 Hyde, Adam S. 133
 Hyman, Neil H. 52, 151
 Hymowitz, Genna F. 143

I

Iannitti, David A. . . . 70, 160, 169, 179
 Iannuzzi, James C. 136
 Ibarra, Sergio H. 174
 Ibarzabal, Ainitze 165
 Ibikunle, Christopher 121, 175
 Ibrahim, George S. 168
 Ibrahim, Joseph A. 178
 Ibrahim, Mohamed M. . . . 178, 183
 Ibrahim, Rose M. 165, 170
 Ibrahim, Zuhaib. 151
 Ibrahim-Zada, Irada 141
 Ichii, Hirohito 186
 Ichikawa, Daisuke 123, 186
 Idrees, Kamran 114
 Ielpo, Benedetto 144, 160, 169
 Iglesias, Martin 183
 Ihemelandu, Chukwuemeka Uzochukwu 144
 Ikemoto, Tetsuya. 138, 181
 Ikoma, Hisashi 123, 186
 Ikramuddin, Sayeed 77, 133, 138
 Illingworth, Laura 123, 135

Imagawa, David K. . . . 124, 153, 179, 180
 Imura, Satoru. 138, 181
 Inaba, Colette S. 118
 Inaba, Kenji 63, 93, 99, 114, 115, 131, 137, 140, 142, 182, 188
 Inabnet, William B. III 105, 160, 164, 165, 166
 Inoue, Hitoshi 162
 Inoue, Yosuke 161, 179
 Ip, Edward H. 133
 Iqbal, Naureen. 173
 Irizarry, Andrea 178
 Irojah, Busayo B. 137, 177
 Irtan, Sabine. 107, 168
 Irvine, Tracey E. 107
 Isaksson, Rachel 126
 Ishida, Yuichi Y. 102, 179
 Ishii, Takamichi 180
 Ishikawa, Daichi 138
 Ishikawa, Hideki 141
 Ishikawa, Hiroto 171
 Ishizawa, Takeaki 161, 169, 179
 Islam, Saleem. 81
 Issa, Nabil. 127
 Itani, Kamal M. F. 62, 63
 Itano, Osamu W. 169
 Ituarte, Philip H. G. 130
 Ivanics, Tommy 138, 185

J

Jaap, Kathryn 181
 Jabbour, Gaby 186
 Jabbour, Ibrahim I. 124
 Jacobs, Lenworth M., Jr. 42
 Jachthuber, Catherine E. 151
 Jackson, Benjamin M. . . . 150, 166
 Jackson, John D. 123, 130, 131, 139, 155, 177, 186
 Jackson, Lana Liane 85
 Jackson, Patrick G. 83
 Jacob, Brian P. 76, 164
 Jacobs, Ian Neal 90
 Jacobs, Lenworth M., Jr. 49
 Jacobs, Michael J. . . . 124, 155, 179
 Jacobsen, Garth R. 157, 160
 Jacoby, Adam 183
 Jafari, Fariba 151
 Jafari, Mehraneh D. . . . 151, 153, 167
 Jaffe, Bernard M. 176
 Jahansou, Cyrus 119, 133
 Jaklic, Beth Rachelle. 83
 Jaklitsch, Michael T. 143
 Jamieson, Glyn G. 118
 Janco, Jo Marie 127
 Jang, Gene E. 177, 182
 Janis, Jeffrey E. 104
 Janjua, M. Burhan 121
 Jansen, David A. 184
 Januszyk, Michael. 139
 Jaquish, Dawn 125
 Jarboe, Marcus D. 68, 81
 Jarman, Benjamin T. 120
 Jarnagin, William R. 105, 106

- Jaroszewski, Dawn E. 156
 Jarrahy, Reza 139
 Jarrard, David F. 126, 135
 Jarrin, Gregory T. 146
 Jasak, Robert 116
 Jaskolka, Jeffrey D. 133
 Jastifer, James 159
 Jatana, Kris R. 90
 Javid, Sara H. 79, 172
 Jawad, Muhammad A. . . . 169, 170
 Jayakumar, Priyanga. 170
 Jayant, Kumar 126
 Jayarajan, Senthil 130, 143
 Jeekel, Johannes 88
 Jeffe, Donna B. 124
 Jenkins, Arthur L. III 97, 162
 Jenkins, Donald H. 105, 128
 Jensen, Karl 149
 Jeon, Hoombae 145
 Jernigan, Peter L. 127, 131
 Jeruss, Jacqueline S. 96
 Jeschke, Marc G. 131
 Jessup, Mariell. 120
 Jeyarajah, Dhiresh R. 70, 123
 Jhaveri, Vidhi. 137
 Ji, Kai 183
 Jiang, Jack 125
 Jiang, Kuirong 161, 180, 181
 Jiang, Qun 133
 Jiang, Yongjian. 154
 Jie, Tun. 139
 Jiménez, Carmen. 161
 Jiménez, Marta 157
 Jiménez-Toscano, Marta. . . 119, 165
 Jimenez-Villanueva,
 Xicotencatl. 186
 Jin, Chen. 154
 Jin, Linda X. 124
 Jinawath, Natini. 185
 Jobe, Blair A. 116
 Johannigman, Jay A. . . . 79, 105, 106
 Johannning, Jason M. 77, 137,
 150, 153
 Johna, Samir 130, 154, 185
 Johnsen, Niels 126
 Johnson, Crystal 165
 Johnson, Eric Keith. 92
 Johnson, Frank E. 184
 Johnson, James E. 127
 Johnson, Joel M. 132
 Johnson, Julie K. 120
 Johnson, Lynt B. 136
 Johnson, Matthew 157
 Johnston, Douglas R. 113
 Johnston, Fabian M. 101, 138
 Johnston, William F. 102
 Joker, Tahereh O. 131, 137, 140
 Jones, Allison L. 82
 Jones, Carolyn E. 130
 Jones, Daniel B. 56, 165
 Jones, Donald L. 105, 106
 Jones, Edward L. II 160, 185
 Jones, Lloyd. 101
 Jones, R. Scott 153
 Jones, Teresa S. 185
 Joo, Sunyoung 130, 177
 Jordan, Mary M. 168
 Joseph, Bellal. 82, 96, 131, 134,
 140, 149, 153, 187
 Joseph, Kimberly T. 57
 Joseph, Noel 143
 Joseph, Tina. 163
 Joshi, Amit R. T. 125
 Joshi, Mugdha M. 149
 Joshi, Sangeeta 130
 Jovine, Elio. 167
 Jowhar, Dawit K. 148, 184
 Joyce, Daniel D. 182
 Ju, Mila H. 115, 153
 Ju, Young Min 186
 Judy, Ryan P. 125
 Juillard, Catherine. 85
 Julien, Katherina. 140
 Jung, Youngmee 183
 Juo, Yen-Yi 169, 185
 Jurkovich, Gregory J. 91, 101
- K**
- Kaafarani, Haytham M. A. . . 85, 123
 Kaban, Jody M. 141, 187
 Kabbani, Loay 150
 Kabnick, Lowell S. 100
 Kachala, Stefan 156
 Kacker, Seema 121
 Kaczirek, Klaus 180
 Kadakia, Sagar 130, 143
 Kadera, Brian E. 144
 Kagya, Kasumba M. 122
 Kaihara, Satoshi 167
 Kaiparettu, Benny A. 173
 Kaiser, Joan L. 144
 Kaji, Amy H. 173
 Kalady, Matthew F. . . . 119, 133, 134,
 175
 Kalapparambath, Tomy 137
 Kaleya, Ronald N. 135
 Kalish, Jeffrey A. 132
 Kallies, Kara J. 118, 172
 Kamine, Haber. 101
 Kaminiski, Stephen S. 167
 Kaminski, Jan P. 157
 Kanda, Mitsuro 185
 Kandathiparampil, Arline J. . . 123
 Kandil, Emad 124, 138, 147, 158,
 177, 180
 Kanehira, Masaru 179
 Kanetaka, Kengo 131, 173
 Kang, Hyun Jong 174
 Kang, Hyun Wook 139
 Kang, Won Kyung 174
 Kanjithanda, Bopaiah. 162
 Kann, Brian R. 83
 Kannan, Kolenkode B. 132
 Kannisto, Eric D. 130
 Kano, Nobuyasu 121, 176
 Kanter, Evelyn M. 121
 Kantsevov, Sergey 98
 Kanwar, Aasheesh. 185
 Kao, Lillian S. 63, 122, 149, 181
 Kapadia, Muneera R. 97
 Kaplan, David L. 135
 Kaplan, Lewis J. 63
 Kapoor, Harit 133, 172
 Kapur, Varun 89
 Karagkounis, Georgios . . . 119, 133
 Karakousis, Giorgos C. 184
 Karam, Mohsen 161
 Karamanos, Efsthios . . . 150, 182
 Karanetz, Irena 144
 Kashihara, Hideya. 181
 Kashimura, Nobuichi 173
 Kasten, Kevin R. 144, 153
 Kastenmeier, Andrew S. . . . 60, 78
 Kataru, Raghu P. 139, 184
 Katayama, Hokahiro 180
 Kathkouda, Namir. 146, 158
 Katlie, Mark R. 89
 Kato, Hiroaki 173
 Katz, Aviva L. 128
 Katz, Danielle A. 84, 134
 Katz, Lester B. 168
 Katz, Matthew H. G. . . . 112, 138, 144
 Katz, Nevin M. 121
 Kaufman, Andrew 158
 Kaufman, Cary S. 66
 Kaufman, Joyce 140
 Kaul, Ashutosh 168
 Kaups, Krista L. 80
 Kaur, Jaskiran 145
 Kavarian, Patil 123, 135
 Kawaguchi, Tsutomu 186
 Kawai, Takayuki 180
 Kawakami, Fusako 173
 Kawamoto, Henry. 159
 Kayssi, Ahmed. 132, 133
 Keating, Jane 125
 Keebew, Electron 147
 Keene, Jeffery L. 186
 Kehlet Watt, Sara. 134
 Keijzer, Richard 99
 Keith, Christopher G. 143
 Kelher, Marguerite 132
 Kelleher, Shannon L. 142, 182
 Keller, Deborah S. 152, 157, 174
 Kelley, Katherine A. 176
 Kelley, Mark A. 109
 Kellicut, Dwight C. 58
 Kelly, Edward G. 63, 142
 Kelly, Robert J. 92
 Kelso, Rebecca L. 107
 Kelz, Rachel R. 90, 119, 129, 177,
 184
 Kendrick, Michael L. 185
 Kenerson, Heidi L. 125
 Kengla, Carlos 139
 Kennedy, George D. 152
 Kennedy, Gregory D. 119
 Kennedy, Robin 171
 Kent, Alycia 188
 Kent, K. Craig. 150
 Keplinger, Kara M. 148
 Kerman Cabo, Javier 158

Kernan, William	137	Kinoe, Hiroko	173	Korndorffer, James R., Jr. . .	124, 176
Keskey, Robert C.	136	Kintzer, Emily	172	Kosemund, Matthew	124, 151
Keskin, Metin	157	Kiran, Ravi P.	173	Kosowski, Tomasz R.	183
Kessler, Hermann P.	133, 147, 152, 174, 175	Kirby, Will E.	126, 134	Kosuga, Toshiyuki	186
Kessler, Larry	149	Kirchoff, Daniel D.	154	Kotagal, Meera	42, 51
Kettelhack, Christoph	174	Kirkegaard-Klitbo, Anders	175	Kothari, Anai N.	126
Keys, Kari Anne	105, 106	Kirkendall, Samuel	175	Kothari, Shanu N.	118, 172
Khadaroo, Rachel G.	138, 141	Kirui, Dickson	185	Kothari, Vishal M.	160
Khader, Adam	118	Kischak, Patricia	135	Kotobi, Henri	168
Khaitan, Leena	65, 165	Kita, Sadahiko	180	Kotwall, Cyrus A.	160
Khalife, Michael	162	Kitagawa, Yuko	169	Kounalakis, Nicole	185
Khalifeh, Jawad	123	Kitago, Minoru	169	Kozar, Rosemary A.	52, 82
Khalil, Mazhar	128, 134, 137, 140, 149, 153, 187	Kitmaura, Maki	141	Kozlow, Jeffrey H.	136
Khalilnejad, Kambiz	130	Klaristenfeld, Daniel D.	82	Kozminski, Mike	126
Khan, Jim	165	Klassen, Dennis R.	70	Kozower, Benjamin D.	88
Khan, Moazzam	142	Klauber-DeMore, Nancy	125	Krafick, Brianna M.	132
Khan, Seema A.	86	Klaus, Daniel A.	180	Krakovitz, Paul	158
Khan, Shahjahan	119, 133, 152	Kleiner, Daniel E.	163	Krakov, Deborah	140
Khasawneh, Mohammad A.	128	Kliethermes, Stephanie	126	Kraljevic, Marko	174
Khater, Usama	165	Kliner, Cameron E.	155	Krampitz, Geoffrey W.	148
Khatibi, Katherine G.	131	Klingensmith, Mary E.	78, 96	Krane, Mukta K.	146, 157
Khatri, Rohini	147	Klinginsmith, Michael	160	Krate, Jonida	127
Khavanin, Nima	136	Klintmalm, Goran B.	145	Kratz, Rodney	174
Kheyfets, Steven	188	Klitzman, Bruce	178	Kraus, Dennis H.	83
Khiangte, Elbert	146	Klyushnenkova, Elena N.	187	Krausz, Kristopher	147
Khot, Rachita	124	Kmiecik, Thomas E.	153	Krenzien, Felix	131
Khoursheed, Mousa A. R.	161	Knight, Benjamin C.	118	Krezalek, Monika	164
Kibbe, Melina R.	76, 106, 127, 133, 150	Knight, Rob	135, 182	Krick, Kellin	151
Kibrik, Pavel	155	Knol, Joep	157	Kriley, Isaac R.	186
Kidane, Biniam	176	Knott, E. Martin	168	Krishnadasan, Anusha	146
Kidd, Bill	159	Knowles, Martyn	166	Krishnan, Prakash	155
Kidwell, Kelley M.	172	Knudson, M. Margaret	105, 106	Krishnaswami, Sanjay	122
Kiernan, Colleen M.	148	Ko, Ara	131, 141, 176	Kritayakirana, Kritaya	187
Kilic, Arman	138, 176, 181	Ko, Clifford Y.	45, 47, 50, 80, 87, 120, 135, 137	Kroh, Matthew D.	158, 163, 165
Kiliyanni, Abdul Salim	155	Ko, Dicken S.	76	Kronowitz, Steven J.	183
Killelea, Brigid K.	137	Ko, In Kap.	123, 131, 155	Krouse, Robert S.	73
Kim, Anthony W.	88	Ko, Tien C.	122, 181	Krpata, David M.	160, 178
Kim, Bradford, J.	149	Kobayashi, Shin.	162, 181	Krummel, Thomas M.	162, 166
Kim, Eugene S.	135	Kobyashi, Hiroyuki	164	Kuba, Sayaka	173
Kim, Helen	143	Kochar, Kunal	157	Kufera, Joseph A.	187
Kim, Hyung Jin	174	Kodadek, Lisa M.	89	Kulaylat, Afif N.	101, 146, 153, 185
Kim, In K.	136	Kodera, Yasuhiro.	185	Kulkarni, Sujit	180
Kim, Jae Y.	129, 130, 155	Koehler, Shannon M.	118	Kulkarni, Swati	137
Kim, John Y. S.	136	Kohmoto, Masahiko	178	Kulvatunyou, Narong	128, 131, 134, 137, 140, 149, 153, 187
Kim, Joseph	155	Koike, Masahiro	185	Kumar, Sumit	132, 141
Kim, Jun-Gi.	174	Koji, Okuda	171	Kummerow, Kristy L.	122, 178
Kim, Kwang W.	182	Kokotovic, Dunja.	121	Kunchala, Sudhir.	137
Kim, Lawrence T.	63, 71	Koller, Sarah	125	Kuo, Jennifer	81
Kim, Patrick K.	97	Kollmeyer, Kenneth R.	155	Kuo, Lindsay	129, 177
Kim, Peter T. W.	145	Koltun, Walter A.	145, 173	Kuo, Paul C.	126
Kim, Taewan	166	Komatsu, Shuhei	123, 186	Kuo, Lindsay	177
Kim, Yuhree	138, 178, 181	Kondo, Masato	164, 167	Kurata, Masanao	162, 181
Kimbrough, Mary K.	151	Kondo, Nobuo	173	Kurita, Jiro	132
Kindel, Tammy L.	133, 169	Kong, Sacha M. L.	131	Kuroki, Tamotsu	131, 173
King Liem, Timothy	90	Konge, Lars	127, 151	Kurtzman, Scott H.	89
King, Cara	162	Koniaris, Leonidas G.	149, 177	Kusanagi, Hiroshi	176
King, Elizabeth G.	132	Konishi, Hirotaka	123, 186	Kusano, Tomokazu	180
King, Paul J.	134	Kono, Toru	146	Kutikov, Alexander	188
King, Tari A.	86, 109	Kontis, Elissaios	175	Kutler, David I.	183
Kini, Subhash U.	165	Kooby, David A.	161	Kuwahara, Go	132, 155
Kinnier, Christine V.	153	Koolen, Pieter G.	148	Kvasnovsky, Charlotte L.	137, 145
		Kopp, Peter	112	Kwaan, Mary R.	146
		Korc, Murray	185	Kwak, Jin Hee	134

Kwiecien, Grzegorz 184
 Kwolek, Christopher J. 94
 Kwon, Edward 159, 167
 Kye, Bonghyeon 174

L

La Torre, Marco 138
 Lachapelle, Alexander S. 177
 Lacy, Antonio M. 99, 119, 165
 Ladoris, Latin 121
 Laird, Amy 129
 Lairmore, Terry C. 182
 LaJoie, Andrew S. 136
 Lal, Brajesh K. 100
 Lal, Geeta 81, 147
 Lally, Kevin P. 149
 Lam, Lydia 131
 Lam, Vy. 118
 Lamaris, Gregory A. 184
 Lancaster, William P. 169
 Landford, Wilmina W. 183
 Landry, Christine S. 177
 Lane, Brian R. 153
 Lane-Fall, Meghan B. 142
 Lang, Charles H. 142
 Langan, Russell C. 136
 Langenfeld, Sean J. 127, 174
 Langer, Monica 182
 Langert, Joshua S. 157
 Langham, Max Raymond 102
 Langille, Gavin. 165
 Langness, Simone M. 132
 Langston, Joshua P. 126, 134
 Langstraat, Carrie 101, 127
 Lannin, Donald R. 137
 Lapar, Damien 172
 Lapin, Brittany. 122
 Laput, Gieric 176
 Laranjo, Mafalda 179
 Larkin, Anne C. 124
 Laronga, Christine 173
 Latifi, Rifat 113, 123, 128, 131, 134, 140, 149, 153, 187
 Latin, Ladoris 175
 Latzko, Michael 160, 161
 Lau, Brandyn D. 129
 Lau, Christine 174, 182
 Lau, James N. 124
 Lavallee, Danielle 172
 Lavery, Ian C. 147, 175
 Lawal, Taiwo Akeem 107
 Lawlor, David F. 157
 Lawrence, Linda 137
 Lawrence, W. Thomas. 91
 Lawson, Jeffrey H. 105
 Lawson, Sharon D. 130, 139
 Lawton, Jennifer S. 105, 106, 120, 121
 Laxa, Bernadette U. 160
 Lay, Frank. 142
 Laycock, William S. 164
 Lazar, Eric L. 63
 Lazar, Melissa 137
 Lazenby, John P. 135
 Lazzaro, Richard S. 156
 Le, Anh-Thu 167
 Le, Ivy A. 143
 Leake, Andrew E. 150
 Leal, Isabel 122
 Leath, Charles A. III. 126
 Leath, Taylor C. 141
 LeBlanc, Karl A. 70
 LeBlanc, Vicki R. 119
 Lebovic, Gail 66
 Lee, Amanda 128
 Lee, Bernard T. 148, 178
 Lee, Catherine 173
 Lee, Christina J. 119, 142
 Lee, Edward S. 176
 Lee, Ghee R. 150
 Lee, Gyusung I. 127
 Lee, James A. 113, 157
 Lee, Jihey 154
 Lee, Justine 159
 Lee, Kenneth K. W. 164
 Lee, Mi Kyung 131
 Lee, Mija R. 127
 Lee, Nita K. 114
 Lee, Paul C. 157
 Lee, Sang Jin 139, 186
 Lee, Sean Michael 92
 Lee, Soonchul 134
 Lee, Steven L. 146
 Lee, Ted 162
 Lee, W. P. Andrew 151
 Lee, Yoon Suk 174
 Leeds, Ira L. 149
 Leeming, Rosemary 173
 Leff, Daniel R. 119
 Leiby, Benjamin E. 178
 Leichtle, Stefan W. 159
 Lein, Brian C. 51
 Leitch, A. Marilyn 89, 136
 Leitman, I. Michael 135, 152, 176
 Lelkes, Peter I. 183
 LeMaire, Scott A. 113
 Lemens, Maureen A. 127
 Lencinas, Alejandro 141
 Lentsch, Alex B. 141
 Leong, Kam W. 183
 Leshner, Aaron P. 168
 Leslie, Daniel B. 119, 133
 Leslie, Ken 176
 Lessne, Mark L. 166
 Leung, Kenneth 144
 Leung, Pak S. 125
 Leverson, Glen E. 119, 149
 Levi, Benjamin. 46
 Levi, Joe U. 142
 Levin, L. Scott 159
 Levine, Glenn L. 91
 Levinson, Howard 183, 184
 Levy, Jordan. 137
 Levy, Mark M. 62
 Lewandowski, Louis 134
 Lewis, Anthony J. 142
 Lewis, Clayton 188
 Ley, Eric J. 63, 131, 141, 145, 176
 Ley, Michele L. 127
 Leys, Charles Matthew 102
 Lezoche, Emanuele 134
 Lezoche, Giovanni 134
 Li, Chenshuang 130
 Li, Jennifer R. 155
 Li, Ji. 154
 Li, Jianhui 180
 Li, Jianpeng 181
 Li, Jinyi 177
 Li, Peng. 123
 Li, Ping 188
 Li, Qiang 180
 Li, Tong. 131, 145, 176
 Li, Yongqing 132
 Li, Zhongmin 154
 Liang, Diana H. 173
 Liang, Mike K. 60, 121, 122
 Liao, Lillian F. 187
 Lidor, Anne O. 118, 133
 Liebert, Cara A. 124
 Liechty, Kenneth W. 126
 Liederbach, Erik 136
 Lien, Ching-Ling 128
 Lifante, Jean Christophe 149
 Lightner, Amy L. 147
 Liljestrand, Katie. 146
 Lillemoe, Keith D. 160
 Lim, David W. 118
 Lim, Hyun Ju 130
 Lim, Joanna C. 135, 177, 182
 Lima, Tiberio M. A. 159
 Lin, Alexander Y. 149
 Lin, Bingyi 181
 Lin, Dana T. 124
 Lin, Joseph A. 187
 Lin, Jules 129
 Lin, Qing. 142
 Lin, Sam J. 148
 Lin, Yihan 153
 Lincourt, Amy E. 121, 122, 152
 Lind, Scott 171, 184
 Lindschou, Jane 127
 Lineen, Edward B. 140
 Ling, Bruce. 128
 Ling, Xiaofeng 180
 Linn, John G. 163
 Linnebur, Megar R. 140
 Linsell, Susan M. 153
 Linson, Jeremy M. 160, 161
 Lipman, Jeremy M. 78, 111, 160
 Lipnick, Stuart 125
 Lipof, Tamar. 78
 Lipschultz, Larry I. 165
 Lipsitz, Stuart R. 120, 153, 157
 Lissauer, Matthew E. 67
 Litovitz, Toby 90
 Liu, Chang 181
 Liu, Charles 123
 Liu, De 180
 Liu, Jun. 151
 Liu, Suzanne C. 131
 Liu, Wei. 131, 180
 Liu, Yaoming 135

Liu, Yichuan 119
 Liu, Zhen Qi 180
 Livingston, Alan S. 179
 Livingston, Edward H. 63
 Livingstone, Alan S. 130, 142, 154, 187
 Lo Menzo, Emanuele 126, 133, 146, 163, 164, 165, 169, 170, 172, 179, 181, 182
 Lo, Chung Mau 110
 Lo, Tsz Y. 183
 Lobeck, Inna N. 135
 Lodwick, Daniel 102
 Loehrer, Andrew P. 129
 Loewenstein, Scott N. 171
 Loftus, Loretta 173
 LoGerfo, Frank W. 130, 132
 Lombardi, Raffaele R. 167
 Lomelin, Daniel E. 174
 Long, Andrea M. 127
 Long, Chandler A. 150
 Long, Chao 122
 Long, Kevin C. 174
 Longaker, Michael T. 42, 139, 148, 172
 Lonze, Bonnie E. 127
 Lopez, Joseph 127
 López, Patricia 163
 Lopez-Acevedo, Nicolas 157
 López-Méndez, Alejandra 183
 Lopez-Monclús, Javie 163
 López-Quindós, Patricia 161
 Lorenz, H. Peter 139, 172
 Lorenz, Robert R. 62
 Lorenzen, Allison W. 147
 Lorenzo-Rivero, Shauna 175
 Loseth, Caitlin R. 173
 Losken, Albert 184
 Louie, Brian Edward 90, 116
 Louridas, Marisa 120, 151
 Love, Joseph D. 93
 Love, Patrice 125
 Low, Philip 126
 Lowndes, Bethany R. 178
 Lowy, Andrew M. 125, 144
 Lu, Jianwen 181
 Lu, Kim C. 64
 Lu, Qiang 178
 Lu, Stephen W. 105
 Lu, Zipeng 161, 180, 181
 Luan, Anna 139, 148
 Lubitz, Carrie C. 113, 147, 177
 Luchette, Fred A. 126
 Ludi, Dan 188
 Luk, Lauren 166
 Luketich, James D. 75
 Lukish, Jeff R. 168
 Lumbley, Joshua L. 62
 Lutfi, Rami E. 159
 Luzum, Matthew J. 149
 Lv, Nan 180
 Lv, Yi 180, 181
 Lynch, Thomas G. 153
 Lynn, Patricio B. 133, 157

Lyons, Matthew D. 134, 136

M

Ma, Feng 181
 Ma, Irene 157
 Ma, Yue 138
 Maan, Zeshaan N. 139, 171
 Mabedi, Charles E. 122
 Macapani, Gabriel 163
 MacBean, Ulunna 131
 MacDonald, James H. 134
 Mace, Adam G. 133
 Macedo, Luiz L. 163
 Macedo, Sabrina P. 172
 MacGillivray, Thomas E. 44
 Machi, Junji 70
 Macke, Ryan 144
 Mackersie, Robert C. 57
 Maclellan, Reid A. 148
 MacRae, Helen M. 48
 Madden, Erik 157
 Madhoun, Nisreen 174
 Madigan, David 187
 Madigan, Michael C. 155
 Maegawa, Felipe B. 138, 146
 Maffei, Anthony 168
 Magee, Gregory A. 137, 142, 167
 Maggard-Gibbons, Melinda A. 120, 129
 Maggio, Paul M. 59, 114, 129
 Magtibay, Paul M. 84
 Maguire, Lillias H. 145
 Mahalingam, Sakkarapalayam 126
 Mahan, Angela 129
 Mahendraraj, Krishnaraj 174, 182
 Mahesh, Thirunavukkarasu 121, 139
 Mahmood, Burhan 128
 Mahmud, Ebrahim M. 145
 Mahmutovic, Adela 143
 Mahvi, David M. 43
 Maier, Ronald V. 42, 137
 Maimon, Geva 137
 Maine, Rebecca G. 122
 Maithel, Shishir K. 138, 148
 Major, Brittny 143
 Majumder, Arnab 121, 152
 Majumder, Kaustav 124
 Mak, Grace Z. 94
 Makepeace, Carol M. 121
 Maker, Ajay V. 138, 160, 165
 Makley, Amy T. 125
 Malangoni, Mark A. 45, 48, 80, 98
 Malas, Mahmoud 150, 155, 171
 Malave, Luis 160, 169
 Malhotra, Sanchi 137
 Maliska, Charles M. 127, 144
 Mallick, Reema 130
 Maltese, Carl 169
 Maluenda, Fernando 161
 Mamounas, Eleftherios P. 110
 Mancino, Anne T. 58
 Mandell, Samuel P. 137
 Mangiante, Eugene C., Jr. 164

Mangogna, Livia Maria 138
 Mangram, Alicia Jeannine 83
 Mani, Venkatesh 155
 Maniatis, Christos 175
 Maniscalco-Theberge, Mary E. 58
 Mann, Barry D. 43
 Manna, Soumen 147
 Manrique, Oscar 151
 Manrique-Municio, Alejandro 161, 167, 169
 Mantyh, Christopher R. 94
 Manwaring, Mark 144
 Mao, Hai-Quan 139, 151
 Marayati, Raoud 125
 Marchiangiani, Raffaele J. 173
 Marcotte, Eric 60
 Marcucci, Vincent 171
 Marcus, Jeffrey R. 148
 Marecik, Slawomir J. 157
 Margenthaler, Julie A. 109
 Margolin, David A. 83
 Margolis, Benjamin 162
 Margulies, Daniel R. 141, 167
 Marin, Michael L. 166
 Markert, James M. 135
 Markmann, James F. 186
 Marks, Jeffrey M. 64, 65, 66, 67, 159
 Marks, John H. 84, 157
 Marks, Natalie 155
 Margolies, Laurie 172
 Marohn, Michael R. 58, 127
 Maroksy Thacker, Julie K. 80
 Marshall, Gary T. 140
 Martin, Allison N. 143
 Martin, Christopher J. 126
 Martin, Jeremiah T. 129, 163
 Martin, Lynn 135
 Martin, Matthew J. 63, 93, 115, 177
 Martin, Niels D. 142
 Martin, Robert C. G. 70
 Martin, Russell A. 139, 151
 Martindale, Robert G. 98
 Martinez Parra, Carlos 145
 Martinez Sanchez, Carmen 164
 Martinez, Arturo 168
 Martinez, Jose M. 66, 67
 Martinez, Joseph 151
 Martinie, John B. 160, 179
 Martins, Mónica 181
 Martins, Ricardo 181
 Martuzzi, Federica 167
 Maruyama, Ryushi 173
 Marwan, Ahmed 126
 Marx, Sarah J. 187
 Marzan, Juan Carlos B. 158
 Marzorati, Alessandro 146, 169
 Masetti, Michele 167
 Mashburn-Warren, Lauren 182
 Masi, Antonio 185
 Masiero, Valerio 157
 Maskaykina, Irina 141
 Masrur, Mario C. 165

Massie, Allan B.	127	McLemore, Elizabeth C.	165	Meyer, Robert E.	148
Mastea, Viraj	126	McLeod, Robin S.	48	Meyers, Bryan F.	51
Mastrangelo, Laura.	167	McMurray, Matthew	172	Meyers, Michael O.	120
Masul, Hideyuki.	154	McNeal, Monica M.	135	Meyerson, Shari L.	125
Mater, Viraj A.	188	McNevin, Shane.	64	Mezhir, James J.	186
Materazzi, Gabriele.	166, 168	McPheeters, Rick	146	Mezzadri, Norberto A.	158
Mathew, Prakash J.	134	Meade, Peter C.	176	Miao, Yi	161, 180, 181
Mathews, Lauren.	157	Meara, John G.	42, 43, 51, 81, 122	Miccoli, Paolo	166, 168
Mathur, Amit K.	153	Meckmongkol, Teerin.	125	Michaels, Alex D.	124
Matone, Jacques	163	Medhkour, Azedine.	162, 182	Michailidou, Maria	102
Matros, Evan	172	Medich, David S.	110, 175	Michalopoulos, Nikolaos V.	107
Matsuda, Kazuhiro	180	Medina, Manuel A.	183	Michelassi, Fabrizio	46
Matsue, Yuya	121	Meehan, John J.	158	Mick, Justin B. D.	120
Matsushima, Kazuhide.	137, 142	Meerkov, Meir B.	163	Miguel, Pablo J.	127
Matteucci, Valeria	166, 168	Meguid, Robert A.	153	Mikami, Dean J.	56, 65, 160
Matthew, Michael K.	184	Mehaffey, James H.	172	Mikchi, Amir	158
Matthews, Brent D.	70, 119, 121, 122	Mehrara, Babak J.	139, 148, 184	Milas, Kresimira E.	166
Matthews, Jeffrey B.	92, 95, 108	Meija, David A.	142	Milas, Kresimira M.	81
Mattos, Mark A.	69	Meireles, Ozanan R.	160	Mill, Steven	152
Matulich, Jennifer	185	Meizoso, Jonathan P.	140, 142, 179, 187	Miller, Anna N.	172
Mau, Christine Y.	137	Mejia, David A.	140, 167, 187	Miller, Anthony	101
Maulik, Nilanjana	121, 139, 150	Mele, Tina S.	176	Miller, Barbra S.	148
Mauro, Christine	173	Melendez-Davidson, Joseph W.	163	Miller, Daniel L.	44
Mavila, Nirmala	183	Melero, Daniel	163	Miller, David C.	153
Mavromates, Spiro	142	Melich, Jin George.	157	Miller, George	131
Maxwell, Jessica E.	147	Melich, Jiri G.	157	Miller, Kyle J.	183
May, Addison K.	87, 88, 100, 105	Melis, Marcovalerio	74, 185	Miller, Michael.	172
May, Douglas D.	145	Mellgren, Anders.	64	Miller, Preston R. III.	127
Mayberry, John C.	67	Mellinger, John D.	66, 78	Mills, Joseph L., Sr.	176
Mayer, Helen	157	Melnitchouk, Nelya.	174	Mills, Steven D.	143, 151, 153, 174
Maykel, Justin A.	91, 92	Melo, Nicolas	167	Milner, Ross	55
Mays, Simone	137	Melotti, Gianluigi.	174	Milroy, Mary J.	74, 104
Mazer, Laura	120	Melton-Meaux, Genevieve B.	76	Milsom, Jeffrey W.	87, 152
Mazuski, John Edward	88	Melvin, W. Scott.	56, 133, 172	Miñan, Fernando D.	187
McArdle, Adrian	139	Memon, Breda.	133, 152	Minarich, Michael J.	175
McAlister, Chryssa	96	Memon, Muhammed A.	119, 133, 152	Minecci, Peter C.	91
McAllister, Vivian C.	187	Menaker, Jay	187	Minei, Joseph P.	49
McAteer, Jarob	135	Mendelsberg, Ranan A.	140	Miner, Thomas J.	73
McBeth, Paul B.	100	Mendez, Eduardo	158	Mingrone, Geltrude.	118
McCain, Donald A.	152	Menendez, Jose.	146	Minneci, Peter C.	45, 99, 102
McCallum, John.	130	Meng, Fanyin	182	Minter, Rebecca M.	42, 50
McCarter, Martin D.	185	Meng, Ke	136	Miodinow, Alexei.	136
McCarthy, Ellen P.	129	Meng, Xianzhong.	120	Miranda, Jocielle S.	159, 178
McCarthy, Mary C.	75	Menon, Raman.	152, 174	Mise, Yoshihiro	161, 179
McClane, Steven	175	Mentzer, Steven J.	130	Mishra, Anand Kumar	107
McClure, J. Andrew.	176	Mercado, Miguel A.	158	Misra, Subhasis	185
McCord, Elizabeth	180	Merchant, Nipun B.	154	Mitchell, Erica L.	90
McCoy, Kelly L.	113	Merchant, Shaila J.	155	Mitra, Sanchayita	132
McCracken, Brendan	184	Meredith, J. Wayne	52, 127	Mitsumori, Norio N. M.	144
McCrary, Hilary C.	127	Merkow, Justin	185	Mittal, Sumeet K.	133, 172
McCulloch, Peter	151	Merkow, Ryan P.	115	Mittal, Sushil	187
McDonald, Victoria S.	155	Merlino, James I.	116	Mittal, Vijay K.	124
McFadden, David W.	139, 150	Merolla, Enrico	174	Mittendorf, Elizabeth A.	89, 96, 136
McGee, Michael F.	66, 67, 119, 134	Merrell, Ronald C.	123	Miura, Murato	173
McGinn, Joseph T.	175	Merritt, Mindy N.	160	Miyake, Hidenori.	173
McGree, Michaela E.	127	Merwarth, Caroline A.	134	Miyamae, Mahito	123
McIlvaine, Joy	176	Messarais, Evangelos	145, 152, 167, 173	Miyamoto, Ryoichi	179
McIntyre, Robert C., Jr.	153	Meyer, Anne Marie	136	Miyata, Shin.	128
McKellar, Daniel P.	53, 104	Meyer, Avishai	160	Moalem, Jacob	108
McKenna, Dan	78	Meyer, Christian	185	Mock, Charles	43, 81
McKenna, Patrick H.	126, 134			Modi, Parth K.	126
McKibben, Maxim J.	126, 134			Modi, Shrey	124
				Modukuru, Venkat R.	163

- Moffatt-Bruce, Susan D. 149
 Moge kwu, Adimabua
 Christopher 175
 Moghadamyeghaneh, Zhubin . 118,
 124, 152, 153, 174, 179, 180, 186
 Mohamed, Hossam Eldin A. . . . 158
 Mohammad, Farah H. A. 150
 Mohanty, Sanjay 137
 Mohanty, Sujit 135
 Mohr, Alicia M. 132
 Mohseni, Shahin 141
 Moir, Christopher R. 92, 182
 Mokhrati, Tara. 118, 119
 Molena, Daniela. . . 90, 105, 106, 116
 Molina, George 153
 Molinari, Michele 186
 Molkara, Afshin 188
 Mollen, Kevin P. 147
 Momblan, Dulce M. 119, 165
 Momoh, Adeyiza O. 136, 172
 Mone, Mary C. 136
 Money, Samuel R. 166
 Monson, John R. . 110, 112, 130, 136
 Montero, Edna 178
 Montgomery, Robert E. 142
 Montie, James E. 153
 Montilla-Soler, Jaime. 144
 Montorfano, Lisandro M. 169,
 172, 182
 Moon, Daniel 165
 Moon, Rena C. 169, 170
 Mooney, David J. 183
 Moore, Ernest E. 125, 132, 188
 Moore, Hunter B. 132, 188
 Moore, Laura J. 60
 Moore, Sarah 94
 Moorman, Matthew L. 144
 Moo-Young, Tricia A. 147
 Moraldi, Luca. 181
 Morales García, Mónica
 Andrea 140, 142, 187
 Moras-Caña, E. 174
 Moreira, Andrea 172
 Moreland, Jennifer 143
 Moreno Gonzalez, Enrique . . 161,
 167, 169
 Moreno Gonzelez, 161
 Moreno, Michael R. 121
 Morgan, Andrew B. 178
 Morgan, April M. 173
 Morgan, Katherine A. 95
 Morimura, Ryo 123
 Morine, Yuji 138, 181
 Morisda, Megan. 172
 Morise, Zenichi 162
 Morishita, Koji. 132
 Morisy, Lee R. 95
 Morpurgo, Emilio 157
 Morris, Arden M. 86, 87
 Morris, Melanie S. . . 114, 119, 152
 Morris-Stiff, Gareth 138, 154
 Morrow, Monica 52, 79
 Morse, Sara 115
 Morton, Alexander P. 132, 188
 Morton, John M. 118, 119
 Mosenthal, Anne C. . 73, 85, 96, 101
 Motaganahalli, Raghu L. 166
 Moten, Ambria S. 177
 Moulton, Carol-anne E. 119
 Mowery, Nathan T. 96, 127
 Mubang, Ronnie N. 131
 Mubiligi, Joel M. 122
 Mudundi, Raghu V. 154
 Mueller, Cathy M. 123
 Mueller, Elizabeth R. 97
 Mugenyi, Godfrey 123
 Muir, Kathryn B. 178
 Muir, Mark T. 187
 Muise, Eleanor D. 135
 Mukherjee, Debraj 140
 Mukherjee, Dipankar 107
 Muldoon, Roberta L. 64
 Mullen, John 135
 Mullins, Richard J. 129
 Muneer, Nagi 137
 Munoz Caamano, Karla 147
 Murakami, Masahiko 178, 180
 Muratore, Sydne 138
 Murkin, John M. 176
 Murphy, Andrew J. 176
 Murphy, Maxwell C. 130
 Murray, Alice 173
 Murray, Clinton K. 188
 Murthi, Sarah B. 57, 63
 Murthy, Shilpa S. 123
 Murthy, Sudish C. 82, 156
 Mushagara, Rhina 123
 Musinguzi, Nicholas 123
 Mutabazi, Zeta A. 123
 Mutabdzic, Dorotea 119
 Muthusamy, V. Raman 144
 Myers, John G. 140, 150, 187
 Myers, Jonathan A. 174
 Myers, Lee A. 140
 Myers, Stacie N. 153
- N**
- Nabili, Vishad Y. 129
 Nabozny, Michael J. 127
 Nabzdyk, Christoph S. . . . 183, 184
 Nadesan, Suhasini. 185
 Naffouje, Samer Alexander . . 102
 Nagle, Alexander P. 65
 Nagle, Deborah A. 72
 Nagorney, David M. 185
 Nagy, Kimberly K. 57
 Nahum, Rebecca 126
 Naidess, Alexandra. 166
 Nair, Archana A. 118, 119
 Nair, Madhavan 147
 Nair, Narayanan. 147
 Nakada, Stephen Y. 134, 135
 Nakagawa, Shunichi 61
 Nakahara, Shinji 141
 Nakajima, Kentaro 152
 Nakamura, Toru 179
 Nakao, Toshihiro. 173, 181
 Nakayama, Goichi. 171
 Nakayama, Goro 185
 Nakayama, Ken 179
 Nakazawa, Kahako 141
 Nakeeb, Attila 60, 149
 Namias, Nicholas 140, 187
 Nanashima, Atsushi 181
 Nandipati, Kalyana C. . . . 133, 172
 Napolitano, Lena M. 68, 69
 Narasimman, Manasa 187
 Narayan, Mayur. 111
 Narita, Yoshiaki 173
 Nassar, Ricardo 161
 Nasir, Basil S. 129
 Nassani, Stephen J. 176
 Nassiri, Nariman 173
 Nation, Patrick N. 118
 Navarro, Francis 162, 179
 Navarro, Jason B. 182
 Nazzal, Munier M. 142
 Nealon, William H. 144, 178
 Nebeker, Lismore 148
 Needleman, Bradley J. 56
 Neligan, Peter C. 94
 Nelson, Heidi 62, 63
 Nelson, Jonas. 184
 Nelson, Lars. 170
 Nelson, M. Timothy . . . 93, 94, 103
 Nelson, Peter R. 63
 Nelson, Rebecca A. 129
 Nelson-Williams, Howard W. . 138
 Nembhard, Christine E. 140
 Nemeth, Zoltan H. 141, 188
 Nemkov, Travis 125
 Nepomnayshy, Dmitry 143
 Neubauer, Daniel C. 146
 Neuman, Heather B. 144
 Neumayer, Leigh A. 42, 75
 Neves, Jose Marcio J. 134
 Neville, Bridget A. 153
 Newkold, Tess 128
 Newman, Daniel 137
 Newman, Elliot 185
 Newman, Lisa A. 75, 136
 Newman, Martin I. 167
 Newton, Andrew D. 172
 Nezhat, Camran R. 162
 Nezhat, Ceana H. 162
 Nezhat, Farr 162
 Nfonsam, Valentine N. 176
 Ng, Nicole 172
 Ng, Sing Chau. 129
 Ngonzi, Joseph N. J. 123
 Ngu, James. 175
 Nguyen, Adrienne 124, 179
 Nguyen, Andrew H. 144
 Nguyen, Dao M. 130
 Nguyen, David 126, 146, 164,
 170, 179, 181, 182,
 Nguyen, Hai V. 185
 Nguyen, Louis L. 186
 Nguyen, Marie V. 183
 Nguyen, Michelle C. 149
 Nguyen, Ninh T. 118, 133
 Nguyen, Sa 144

Nguyen, Scott Q.	151
Nguyen, Trang K.	138, 154
Nicastro, Jeffrey M.	118, 141
Nice, Tate R.	182
Nichols, Colin G.	121
Nicholson, Susannah E.	187
Nickles Fader, Amanda.	101
Nicolas, Joseph D.	118
Nicoletti, Betsy	58
Nielsen, Claus Henrik	175
Nielsen, Matthew E.	126, 134, 136
Niewiadomska, Zuzanna	123
Nifong, L. W.	143
Nigri, Giuseppe R.	107, 138
Nilubol, Naris.	147
Nimura, Yuji.	158
Nishi, Masaaki	181
Nishikawa, Katsunori	144
Nissen, Gregory K.	101
Nissen, Nicholas	145
Nitti, Matthew D.	139, 148, 184
Nitzschke, Stephanie L.	142
Nix, Jeffrey W.	164
Nogaki, Koji	180
Nogueras, Juan J.	78
Noji, Takehiro	179
Nolan, Meghan C.	119, 128
Nomikos, Iakovos N.	175
Noorbakhsh, Abraham.	135
Noorzai, Yaqub	167
Norton, Jeffrey A.	138, 148, 180
Nourallah, Ahmad.	143
Nouri, Sarvanaz.	188
Novak, Christine	127
Novak, Elizabeth	147
Novitsky, Yuri W.	70, 152, 160
Noyes, Katia.	130, 136
Ntakiyiruta, Georges.	122, 123
Ntasis, Konstantinos	175
Ntekepe, Mfonabasi (Sam) S.	154
Nuchtern, Jed G.	182
Nunez-Nateras, Rafael	126
Nussbaum, Daniel P.	144
Nussbaum, Michael C.	124
Nussenbaum, Brian	82
Nutter, Tyree O.	176
Nwomeh, Benedict C.	122
Nyberg, Scott L.	123
Nyirenda, Themba L.	152

O

O'Brien, Kurt	116
O'Connor, James V.	99, 187
O'Dorisio, Thomas M.	147
O'Keefe, Terence	128, 131, 134, 137, 140, 149, 153, 187
O'Leary, Brianne R.	186
O'Leary, J. Patrick.	89
O'Leary, Kevin J.	120
O'Malley, Catherine	149
Obeid, Tammam	150, 155, 171
Oberholzer, Jose	76, 145
Obi, Yoshitsugu	186
Ocampo, Omar O.	179

Ochoa Chaar, Cassius Iyad.	55, 100
Oderich, Gustavo S.	55
Oelschlager, Brant K.	74
Ogami, Takyua.	121
Ogan, Kenneth.	188
Ogiso, Satoshi	180
Oh, Daniel S.	118
Oh, Seong-Taek	174
Oh, Stephen P.	168
Ohkohchi, Nobuhiro.	179
Ohkuma, Rika	176
Ojuka, Daniel	107
Okamoto, Kazuma.	186
Okamura, Keisuke.	179
Okazaki, Samuel	163
Okitsu, Hiroshi	173
Okoh, Alexis K.	162
Okoye, Obi T.	182, 188
Olasky, Jaisa S.	56
Oldhafer, Karl J.	162, 169
Oldham, Keith T.	118, 128, 135
Oleynikov, Dmitry.	92, 160, 164, 174
Olivares, Sergio	144, 160, 169
Oliveira, Lucia.	164
Olorunfemi, Odunayo E.	141, 187
Olsen, Griffin H.	149
Olsen, Stephen P.	184
Olson, Craig.	175
Olson, Jacob K.	182
Olutoye, Oluyinka O.	128
Olweny, Ephrem O.	126
Om, Silvina A.	118
Omotosho, Philip A.	69, 92
Onda, Shinji	179
Onder, Akin	174
Ong, Evan	139
Oommen, Bindhu	119
Opara, Emmanuel C.	177
Opelka, Frank	115
Orandi, Babak J.	127
Ordonez, Alex	163, 164, 165, 170
Ordoñez, Carlos A.	140, 142, 167, 187
Oreopoulos, George D.	133
Oreskovich, Michael R.	80
Organ, Gregory M.	162, 166
Orgill, Dennis P.	44, 100, 151, 183, 184
Orihashi, Kazumassa	173
Orkin, Bruce A.	91, 174
Orlando, Giuseppe	105
Orloff, Lisa A.	71
Orlova, Ksenia.	166
Orry, David	152
Orsenigo, Elena	161
Orsini, Camillo.	157
Ortega, Adrian E.	175
Ortega-Deballon, Pablo	152
Osborne, Nicholas H.	134, 136, 150
Oshima, Nobu	119
Oshiro, Yukio.	179
Osland, Emma J.	119

Ostendorf, Christopher L.	154
Ostlie, Daniel J.	99
Ostovar-Kermani, Tiffany G.	149
Osuna, Angel	183
Otsuji, Eigo.	124, 186
Otsuka, Koji.	178, 180
Ott, Harald C.	104, 105
Ott, Mark J.	149
Ott, Michael C.	176
Otterburn, David M.	148, 183
Ottesen, Bent.	127
Ottino, Jennifer	146
Ottosen, Madelene	149
Ou, Peiqi.	123
Ousley, Jenny	122, 144
Overby, David W.	70
Oxner, Christopher R.	146
Oyefule, Omobolanle	122, 178
Oyetunji, Shakirat	129
Ozao-Choy, Junko	173
Ozben, Volkan	175
Ozuner, Gokhan.	175

P

Pabst, Andreas	130
Pachter, Leon H.	185
Paez, Gerard	137
Paganini, Alessandro M.	134
Paglinco, Samantha R.	141
Pai, Ajit.	157
Pai, Rish K.	133
Paige, John T.	91, 177
Paik, Kevin	139, 148
Painter, Thomas J.	169
Paka, Chandhana	162
Pal, Atanu.	118
Paladino, Lorenzo	122
Palazzo, Francesco	90, 169
Palazzo, Juan	137
Palencia, Natividad.	161, 163
Palermo, Mariano	146, 161, 168, 170, 180
Palesty, J. Alexander.	121, 139, 150
Pallarés, Jose Luis.	161
Pallati, Pradeep K.	133, 160, 172
Palmer, Barnard J.	157, 160
Palomino-Martinez, Brisa D.	174
Panait, Lucian	119
Panaro, Fabrizio	162, 179
Pandit, Viraj.	140
Pang, John Henry Y.	125
Paniccia, Alessandro	185
Pansari, Mridul	131
Paolantonio, Pasquale	157
Paone, Gaetano	48
Papagrigoriadis, Savvas.	137, 145
Papamichail, Michael	136
Papini, Piermarco	166
Pappas, Peter J.	158
Pappas, Sam G.	60
Pappas, Theodore N.	114
Paprocki, Ronald J.	43
Paquette, Anne D.	184
Paquette, Brice	152

- Paquette, Ian M. 97, 119, 134
 Paramo, Juan C. 88
 Parangi, Sareh 80, 177
 Parasahar, Bhupesh W. 183
 Parchani, Ashok 186
 Pardo, Maisa H. 178
 Parekh, Dilip 180
 Pares, David. 107
 Parikh, Janak A. 155, 179
 Parikh, Niraj. 122
 Parikh, Priti 176
 Parikh, Sanjay R. 158
 Park, Adrian E. 69, 86, 134, 163, 178
 Park, John J. 157
 Park, Jong Kyung 174
 Park, Julie E. 93, 136, 159
 Park, Jung. 147
 Park, Juyoung 134
 Park, Pauline K. 63
 Parker, Joseph P. 154
 Parker, Rupert 175
 Parker, Sarah H. 120
 Parra, Michael W. 140, 142, 187
 Parrillo, Douglas 184
 Parsa, M. Ali. 162
 Parvaiz, Amjad 165
 Pasara, Sebastian 182
 Pascual, José L. 142
 Pasieka, Janice L. 113, 159
 Patel, Bansuri 145
 Patel, Chirag Vipan 108
 Patel, Dhaval 147
 Patel, Jitesh A. 127, 151, 167, 174
 Patel, Mayur B. 141
 Patel, Nupur U. 144
 Patel, Reema 118
 Patel, Supriya S. 157
 Patel, Vaishali 137
 Paterniti, Debora. 149
 Pathak, Abhijit S. 143
 Patil, Dattatraya 188
 Patil, Rachana 131
 Patil, Sachin. 182, 185
 Patnaik, Santosh K. 130
 Patti, Marco G. 127
 Patton, Kristin. 165
 Paul, Jasmeet S. 61
 Pauli, Eric M. 64, 65, 67, 70, 160, 163, 167
 Paulzak, Audrey N. 187
 Pavuluri Quamme, Sudha R. 154
 Pawlik, Timothy M. 138, 147, 148, 149, 153, 178, 181
 Payet, Cécil 149
 Payne, Sakeena 122, 159, 163
 Paz, Isaac B. 129
 Pearce, Frank B. 101
 Pearl, Jonathan P. 67
 Pearson, David 156
 Pearson, Erik G. 146
 Peckler, Zachary J. 101
 Peer, Cody J. 185
 Peitz, Erik D. 132
 Pekolj, Juan J. 162
 Pellegrini, Carlos A. 91, 98, 127
 Peloso, Andrea 123
 Peng, June S. 138, 154
 Peng, Ying 180
 Peoples, George E., Jr. 136
 Peralta, Ruben. 186
 Pereira, Thiago C. 167
 Perez Quirante, Federico 169, 172
 Perez, Matthew C. 184
 Perez, Raul. 168
 Perez, Rodrigo O. 133
 Perez, Sonia A. 136
 Pernar, Luise I. M. 168
 Perrakis, Nikolaos. 175
 Perrier, Nancy D. 112
 Perry, Kyle A. 118, 160
 Perry, Roger R. 114
 Persaud, Yashoda 123
 Petelin, Joseph B. 164
 Peters, Jeffrey H. 164
 Peters, Matthew 149
 Petersen, Dustin J. 129
 Peterson, Andrew Charles 94
 Peterson, Laura A. 133
 Petrick, Anthony T. 92, 173
 Petro, Clayton C. 121, 152, 160
 Peyre, Christian G. 130
 Pflug, Adriano 168
 Pham, Dean H. 149
 Pham, Tam N. 82
 Phangureh, Varinder S. 166
 Phay, John E. 148, 177
 Phelan, Michael J. 133, 151, 152, 153, 180
 Phillips, Brett E. 182
 Phillips, Edward H. 164
 Phillips, Gary S. 149
 Phillips, Michael R. 128
 Phillips, Sharon E. 122, 144, 178
 Phitayakorn, Roy. 58, 116
 Piazza, Yelena 125
 Piccoli, Micaela 174
 Pichardo-Farfan, Miguel. 174
 Pien, Irene J. 148
 Pieracci, Fredric M. 67
 Pierce, Richard A. 144, 178
 Pierson, Christopher R. 130
 Pietzman, Andrew B. 140
 Pigazzi, Alessio 71, 99, 118, 143, 151, 152, 153, 167, 174
 Pilitsis, Julie. 162
 Pimenta, Luiz. 148
 Pimple, Pratik M. 132
 Pina, Christian E. 155
 Pincus, Matthew R. 125
 Pinna, Antonio 185
 Pinna, Antonio D. 124
 Pino, Luis L. 140, 187
 Piotrowski, Matthew. 101
 Pittman, John R. 143
 Pizano, Louis R. 187
 Plotnikov, Sergio 170
 Podany, Abigail B. 182
 Podratz, Karl C. 127
 Poe, Sarah-Lucy C. 184
 Pofahl, Walter E. II. 153
 Poggi, Luis 84
 Pohlman, Timothy H. 67
 Pointer, David T. 176
 Pointer, Lauren 124, 138, 180
 Poirier, Jennifer 135
 Poliakin, Lauren 163
 Polite, Blasé. 110
 Politidis, Valeri 175
 Polk, Hiram C. 105
 Polk, Travis M. 146, 177
 Pollak, Yulia 182
 Pollock, Darren R. 174
 Pomp, Alfons 92
 Ponsky, Jeffrey L. 67, 92, 165
 Ponsky, Todd A. 75, 168
 Pontarelli, Elizabeth M. 89
 Poole, Alexander J. 45
 Popowich, Daniel A. 147
 Pories, Walter J. 42, 153
 Poritz, Lisa S. 145
 Port, Elisa R. 60, 172
 Portinari, Mattia 174
 Posner, Mitchell C. 112
 Postlewait, Lauren M. 148
 Postoev, Anastasia 121, 175
 Postoev, Angelina 121, 175
 Potts, John R. III 103
 Poulouse, Benjamin K. 66, 67, 70, 86, 122, 142, 144, 168, 178
 Poultsides, George A. 138, 148, 180
 Powers, Kyle 126
 Pozehl, William J. 143
 Prabhu, Ajita S. 86, 121, 152, 178
 Pracht, Etienne E. 129
 Pradarelli, Jason C. 118
 Pradhan-Nabzdyk, Leena. 132
 Prasad, Leela M. 157
 Prasad, Tanushree 121, 122
 Prasad, Krishna. 123
 Pratschke, Johann 144, 154
 Pratt, Janey S. A. 83
 Preminger, Glenn M. 42
 Prentice, Heather A. 178
 Preskitt, John T. 177
 Pressman, Barry D. 140
 Prestigiacomo, Charles J. 77, 78, 108, 137, 162
 Price, Raymond R. 85, 146
 Prichayudh, Supparerk 187
 Priddy, Anna M. 184
 Priestap, Fran 176
 Prince, Jose M. 118
 Prinz, Richard A. 147
 Pritts, Timothy A. 127, 131
 Probst, Christian P. 130, 136
 Prochazka, Jeannette 149
 Proctor, Kenneth G. 130, 140, 142, 187
 Proper, Brandon W. 150
 Proscurshim, Igor 133

Pruitt, Basil A., Jr. 105
 Pruthi, Nicholas 126, 134
 Pruthi, Raj S. 126, 134, 136, 164
 Pryor, Aurora D. 69, 77, 143, 165
 Pryor, Howard I. 168
 Puc, Matthew. 173
 Pucci, Michael J. 169
 Pugei, Anne E. 152
 Pugh, Carla M. 69, 70, 120, 127
 Pullatt, Rana C. 165, 169
 Purcell Jackson, Gretchen 57
 Purohit, Harshadha 176
 Purveiance, Georgia 153
 Pusic, Andrea L. 116, 136, 172
 Putnam, Joe B. 86
 Putnam, Luke R. 122, 149
 Puyana, Juan Carlos 122, 140, 142, 187
 Pyfer, Bryan 183

Q

Qaqish, Thamer 102
 Qazi, Aamer M. 145
 Qazi, Umair 150, 155, 171
 Qiao, Jingbo 182
 Quail, Jacob F. 155
 Quante, Markus 131
 Quaresima, Silvia 134
 Quatrino, Gregory M. 102
 Quattlebaum, Steven 153
 Quek, Marcus L. 126
 Quijano, Yolanda. 160, 144, 169
 Quiles, Carlos 183
 Quinlan, Robert M. 116
 Quinn, Eric 179
 Quintana, Megan T. 121, 128
 Quintero, Alejandro 172
 Qureshi, Faisal G. 135

R

Ra, Jin H. 149
 Rabin, Joseph 187
 Radhakrishnan, Ravi S. 123
 Raffaelli, Marco 118
 Rafferty, Janice F. 64, 79, 114
 Rafuls, Alejandro. 158
 Rager, Terrence M. 182
 Rahbani, David D. R. 123
 Raimondi, Ferdinando 123
 Raja, Siva 156
 Rajani, Ravi R. 143, 150
 Rajaram, Ravi 115
 Rakar, Nakul. 43, 81
 Rakinic, Jan 48
 Ramacciato, Giovanni. 138
 Ramadan, Mostafa H. 132
 Ramamoorthy, Sonia L. 64
 Raman, Kathleen G. 150
 Ramaswamy, Archana 70, 163, 169
 Ramirez, Alex. 165
 Ramirez-Valderrama, Alexander. 157, 170
 Ramly, Elie P. 123

Ramos, McHarry 132
 Ramos, Trevy Ana. 89
 Ramsay, Michael 145
 Ramshaw, Bruce 70, 104
 Ramsussen, Todd E. 55
 Ramzy, Danny 163
 Randolph, David 122
 Randolph, Gregory W. 111, 112
 Ranjan, Reetesh. 186
 Ranjit, Anju 129
 Rao, Christopher. 171
 Rappold, Joseph F. 143
 Rasheed, Khurram 150
 Rasmussen, Sara K. 143
 Rasmussen, Todd E. 69, 105, 106, 145
 Rastegarpou, Ali 183
 Rastellini, Cristiana. 123
 Rat, Patrick 152
 Rausei, Stefano 164
 Raval, Mehul V. 103, 115
 Ray, James B. 62
 Ray, Juliet J. 140, 187
 Raymond, Daniel. 156
 Raz, Dan J. 129, 130, 155
 Raza, Sughra 123
 Razavi, Seyed Amirhossein 184
 Read, Thomas E. 71, 87
 Reade, Clifton C. 163
 Reardon, Emily S. 129
 Reardon, Michael J. 94
 Reardon, Patrick R. 163, 168
 Reavis, Kevin M. 103
 Reber, Howard A. 145
 Rectenwald, John E. 100
 Reda, Domenic 63
 Reddy, Rishindra M. 129, 143
 Reddy, Sashank 139
 Reddy, Srinivas H. 187
 Redfern, Roberta. 181
 Rednam, Chandra K. 139
 Reece, Thomas B. 120
 Reed, Amy B. 155
 Reid Lombardo, Kaye M. 123
 Reidelberger, Roger 133
 Reiland, Juliann M. 66
 Reilly, Patrick M. 91, 142
 Rein, Jessica S. 173
 Reinhart, Stephen P. 120
 Reiss, Alisha D. 101
 Reissman, Petachia. 164
 Relles, Daniel M. 168
 Rellinger, Eric J. 182
 Remzi, Feza H. 133, 144, 152, 157, 167, 174, 175
 Ren, Licheng 183
 Rencuzogullari, Ahmet. 175
 Rennert, Robert C. 171
 Renton, David B. 149, 160, 163
 Restrepo, Carolina 148
 Revelli, Luca 158
 Reyes, Bianca 47
 Reynolds, Harry Lewis 83
 Rezzadeh, Kameron 139, 183, 184

Rhee, Peter M. 82, 91, 128, 131, 134, 137, 140, 141, 149, 153, 187
 Rhoads, Kim F. 135
 Riall, Taylor S. 97, 124, 138
 Ricci, Marco. 99
 Ricciardi, Rocco 64, 87
 Rice, David C. 89
 Richards, Lorene. 60
 Richards, Morgan K. 135
 Richards, William O. 162, 164, 166, 169
 Richardson, J. David. 42, 43, 44, 46, 51, 89, 101
 Richardson, William S. 119
 Richie, Laura 136
 Ricotta, Joseph J. II. 55
 Riddez, Louis. 141
 Riehle, Kimberly J. 125
 Riesel, Johanna N. 123
 Riggie, Kevin M. 125
 Riggs, Stephen B. 134
 Righetti, Raffaella 121
 Rikkers, Layton F. 108
 Rimoin, David L. 140
 Rinehart, Joseph 151
 Rink, Jonathan. 133
 Ripley, R. Taylor 129, 185
 Rishi, Muhammad T. 139, 150
 Ritch, Paul S. 138
 Ritter, E. Matthew 143
 Rivadeneira, David E. 72, 78
 Rivara, Frederick P. 137
 Rivard, Colleen L. 126
 Rivas, Homero 84, 118, 119
 Rivera, Aksim G. 132
 Rivero, Mariel 55
 Riviello, Robert 122, 123
 Ro, Charles Y. 67
 Ro, Tae H. 185
 Robbins, Alan W. 163
 Roberts, Amanda 136
 Robin, Alvaro. 163
 Robins, Keith 149
 Robinson, Kortney 130
 Robinson, Myra M. 134
 Robinson, Robert A. 147
 Robinson, Thomas N. 56, 57, 77, 137, 160
 Rocchi, Laura 123
 Rocha, Flavio G. 74
 Roche-Nagle, Graham. 132
 Rocourt, Dorothy V. 153
 Rodrigue, James R. 129
 Rodrigues, Adilson C. 167
 Rodríguez Hernández, Iván Emilio 133, 172
 Rodriguez, Carlos Jose. 79
 Rodriguez, Eduardo D. 183
 Rodriguez, Hector. 131
 Rodriguez, Jesus 172
 Rodriguez, John 165
 Rodriguez, Juan B. 170
 Rodriguez-Bigas, Miguel A. 71, 144
 Rodriguez-Ossa, Paola A. 140

- Rodriguez-Otero Luppi, Carlos E. 161, 164, 166
- Rogers, Selwyn O. 159, 167
- Roggin, Kevin King 108
- Rohan, Vinayak 169
- Rohrbach, Jeffrey 172
- Rojas, Alejandro 170
- Rojas-Mirquez, Johanna C. . . . 140, 187
- Rokkas, Sophia 138
- Rokosh, S. Rae. 131
- Rolandelli, Rolando H. . . . 141, 188
- Roll, Sergio 70
- Romain, Carmelle V. 176
- Roman, Sanziana A. 147
- Romano, Nicola 166
- Romano, Patrick S. 154
- Romano, Teresa. 59, 95
- Romanoff, Anya M. 172
- Romanyshyn, Jonathan C. . . . 102
- Romeiser, Jamie L. 183
- Rondan, Anibal J. 127
- Ronneburg, Drew A. 150
- Rosales-Velderrain, Armando . . 168
- Rosato, Ernest L. 169, 178
- Rose, John A. 120, 141, 153
- Rosemurgy, Alexander S. II . . . 165
- Rosen, David R. 175
- Rosen, Jennifer E. 49, 111
- Rosen, Joseph 183
- Rosen, Michael J. . . . 69, 70, 76, 86, 88, 160
- Rosen, Michael J. 160
- Rosenberg, Jacob 175
- Rosenberg, Steven A. 186
- Rosenblatt, Meg A. 135
- Rosendale, Doug. 45, 98
- Rosenfeld, Elisheva A. 183
- Rosengart, Matthew R. . . . 140, 142
- Rosenthal, Raul J. 126, 133, 146, 147, 163, 164, 165, 169, 170, 172, 179, 181, 182
- Rosenthal, Ronnie A. 137
- Roses, Robert E. 177, 184
- Rosman, David 123
- Rosman, Ilana S. 184
- Ross, Howard M. 72, 78
- Ross, James D. 150, 188
- Ross, Sharon B. 165
- Rosthøj, Susanne 127
- Roth, Bennett 147
- Roth, Emilie M. 120
- Roth, Georg 180
- Roth, J. Scott 69, 70, 121, 163
- Rothenberg, Steven S. 96, 168
- Rouch, Joshua D. 146
- Rowse, Phillip G. 156
- Roy, Mayank 126, 179, 181
- Roy, Sabita 147
- Roy, Soham 158
- Royal, Richard E. 73
- Rozycki, Grace S. 89, 96, 177
- Ruan, Daniel T. 165
- Rubalcava, Nathan S. 140, 150
- Rubin, Chad A. 49, 95
- Rubino, Francesco 77
- Rudderow, John S. 102
- Rudensky, Alexander 125
- Rue, Loring W. III. 135
- Rueda, Steven 172
- Ruiz, Ariel. 147
- Ruiz, Carmen 127
- Ruiz, Xiomara D. 140, 142
- Rushing, Amy P. 56
- Rushmer, Timothy J. 126
- Russ, Andrew J. 157
- Russell, Marcia M. 120
- Russo, Michael A. 124
- Rusyniak, W. George 187
- Rutkow, Ira M. 163
- Rybin, Denis 132
- S**
- Saab, Ihab. 151
- Saad, Ibnalwalid 121
- Saber, Alan A. . . . 158, 160, 161, 163, 164
- Saber, Jason A. 160
- Sachdev, Ulka 103, 150
- Sachdeva, Ajit K. 42, 45
- Sack, Jonathan. 147
- Sacks, Gregory D. 120
- Sacks, Justin M. 139
- Sadiraj, Vjollca 149
- Sadoun, Moutamn 149
- Saenz, Juan C. 142
- Safar, Bashar 152
- Safavi, Arash 165
- Safcsak, Karen 178
- Safdie, Fernando M. 164, 182
- Saffarzadeh, Areo 156
- Sage, Julien 148
- Sagnotta, Andrea. 138
- Saha, Sib P. 129
- Saha, Sukamal 119, 137
- Saha, Supriya K. 119
- Saito, Jacqueline M. 99
- Saito, Yu. 138, 181
- Saiura, Akio 161, 169, 179
- Sakaguchi, Masazumi 119
- Sakai, Yoshiharu 119
- Sakai, Yusuke. 131
- Sakamoto, Katsunori 162, 181
- Sakamoto, Taro 179
- Sakamoto, Tetsuya 141
- Sakimura, Chika 173
- Sakran, Joseph V. 41
- Salaj, Adelona 138
- Saldinger, Pierre F. 105, 106
- Salem, Roe 146
- Salim, Ali 63, 115, 120, 141, 142
- Salim, Saad Y. 138, 141
- Salky, Barry A. 167
- Salles, Arghavan 124
- Salloum, Rabih M. 143
- Salo, Jonathan C. 184
- Saluja, Ashok 124
- Salyana, Atif. 131
- Salzman, Nita H. 118
- Samamé, Julia 165, 170
- Samoon, Pasurachate. 187
- Samotowka, Michael A. 140
- Sampaio Rua, Stelio 157, 161
- Sanchez Movilla, Arsenio. . . . 163
- Sanchez Ortiz, Alvaro I. . . . 122, 142
- Sanchez Ruiz, Alejandro. 158
- Sanchez, Juan A. 59
- Sanchez, Stéphane 149
- Sanders, Felipe Hada 178
- Sandhu, Jaideep S. 152, 174
- Sandler, Bryan J. 157
- Sandoval, Eduardo 172
- Sanfey, Hilary A. 108
- Sanghani, Rupa M. 105, 106
- Sangji, Naveen F. 149
- Sanjuan, Juan. 122
- Sanni, Aliu 175
- Santana, Calie 135
- Santini, Ettore 157, 167
- Santora, Thomas A. 143
- Santos, Byron F. 65
- Santos, Mary C. 153
- Santry, Heena P. 57, 84
- Santucci, Richard A. 74
- Santullo, Francesco 160
- Sanyu, Frank 123
- Sao Juliao, Guilherme. 133
- Sarac, Timur P. 55
- Saracino, Giovanna. 145
- Sarani, Babak. 100
- Saraswat, Anju. 143
- Sargesyan, Davit 161
- Sarhan, Ahmed 134, 164
- Sarhane, Karim A. 151
- Sarkar, Rajabrata. 93, 150
- Sarma, Hiteswar 148
- Sarmiento-Reibeiro, Ana B. . . . 179
- Sarmiento, Roberto A. 158
- Sarnaik, Amod 144
- Sarr, Michael G. 123
- Sarvepalli, Shraavan. 174
- Sasewich, Michael J. 156
- Sasson, Morris. 146, 169
- Satahoo, Shevonne S. 140
- Sathyanarayana, Sandeep
Anantha 155, 179
- Sato, Takafumi. 173, 179
- Satoh, Kei 147
- Saunders, Neil D. 177
- Sava, Jack. 63
- Savage, Edward B. 137, 156
- Savant, Sudha 185
- Savarise, Mark T. 59
- Savetsky, Ira L. 139, 148, 184
- Savilo, Christine 127
- Savoie, Kate B. 128
- Savulionyte, Goda E. 172
- Sawyer, Robert G. 97
- Sax, Harry C. 59
- Sayed, Syed M. 183
- Sbai-Idrissi, Mohamed 146
- Scalea, Thomas M. 176, 187

Scales, Charles D.	90	Sei, Jishu	180	Shaw, Jeremy D.	135
Scally, Christopher	120	Seitz, Aaron	141	Shaw, Pamela	122
Scerbo, Mark W.	143	Selber, Jesse C.	151	Shefa, Azizullah	159
Schäfer, Juliane	174	Selby, Robert R.	180	Sheikh, Fartha	128
Schall, Kathy	128, 135	Selim, Angelica M.	183, 184	Sheka, Adam C.	119
Scharpf, Joseph	82	Selleck, Matthew J.	101	Shellito, Paul C.	69
Schaub, Nicholas P.	125	Selleri, Simonetta	167	Shelstad, Ryan C.	153
Schauer, Philip R.	164	Sellke, Frank W.	110	Shen, Jia	134
Schechtman, David	140	Selvaraju, Vaithinathan	121, 139, 150	Shen, K. R.	129
Scheirey, Christopher D.	160	Selzer, Don J.	163, 169	Shen, Perry	74
Schenarts, Paul J.	111	Semoïn, Sabine	168	Sheng, Xiaoming	136
Schenk, Worthington G. III	124	Senagore, Anthony J.	80	Shepard, Alexander D.	150
Scheurer, Douglas JE	51	Senarath-Yapa, Kshemendra	139	Sher, Linda S.	180
Schild, A. Frederick	88	Senkowski, Christopher K.	59, 163	Sherman, Chung-Yin	173
Schirmer, Bruce D.	172	Seo, Eun Young	139	Sherman, Scott K.	147
Schlieder, Ian	163	Sepesi, Boris	90	Sherwood, Aaron	146
Schmick, Andrea E.	127	Serban, Daniel C.	159	Sheu, Eric G.	118, 143
Schmid, Kendra K.	153	Serletti, Joseph C.	184	Shewokis, Patricia A.	119, 171, 184
Schmidt, Christian M.	185	Serna, Jose J.	167	Shi, Aihua	181
Schmidt, Hank	172	Serôdio, Marco	181	Shi, Fangfang	126
Schmocker, Ryan K.	149	Serrano, Oscar K.	172	Shi, Xudong	150, 188
Schneble, Erika	136	Sexton, Kevin W.	176	Shiba, Hiroaki	179
Schneider, David F.	177	Seymour, Christopher W.	142	Shibata, David	119
Schneider, Eric B.	121, 150, 178, 184, 187	Seymour, Neal E.	91	Shichinohe, Toshiaki	179
Schnelldorfer, Thomas	160	Sgouros, Matthew	147	Shih, Ting-Yu	183
Schnier, Kurt E.	149	Shaaban, Aimen F.	128	Shimada, Mitsuo	138, 173, 181, 185
Schnüriger, Beat	131	Shabahang, Mohsen	154, 173, 181	Shimizu, Dai	185
Scholtis, Leah	173	Shabat, Galyna	174	Shin, Bronwyn	124, 154
Scholz, Stefan	68	Shabsigh, Ahmad	134, 164	Shin, Joseph H.	151
Schonmeyr, Bjorn	148	Shaffer, Virginia L. D.	119	Shindo, Maisie L.	71, 113, 166
Schreiber, Martin A.	57, 79, 129	Shah S. Gilani, Syeda Nadia	146	Shinoda, Masahiro	169
Schrump, David S.	129, 185	Shah, Adil A.	141, 142	Shinoka, Toshiharu	105
Schuerer, Douglas J. E.	87, 88, 95	Shah, Ami N.	116	Shiose, Akira	130
Schuessler, Richard	121	Shah, Arpeet	126	Shiota, Chiyo	123
Schuetz, Steven J.	122	Shah, Deepa	143	Shiozaki, Atsushi	123, 186
Schuetze, Kim C.	162	Shah, Manisha H.	112	Shirai, Yoshihiro	179
Schulman, Carl I.	140, 142, 187	Shah, Mansi	128	Shirkey, Beverly A.	143
Schurtz, Elleson A.	128	Shah, Mihir	167	Shirley, Lawrence A.	177
Schwab, C. William	105, 106	Shah, Parth K.	173	Shivathirthan, Nairuthya	162, 180
Schwaitzberg, Steven D.	57, 67, 162, 166	Shah, Rahul K.	62	Shoker, Shay	123
Schwartz, Graham S.	171	Shah, Shimul A.	119, 134	Sholl, Andrew B.	177
Schwartz, Herbert S.	78	Shaha, Ashok R.	74	Shortell, Cynthia K.	97
Schwartzberg, Barbara	111	Shaik, Mohammed	119	Shouhed, Daniel	157, 158, 165
Schwartzman, Monica	172	Shaikh, Inam A.	150	Shoup, Margo C.	154
Schwarz, Christoph	180	Shaikh, Mohammad F.	125, 184	Showalter, Victor C.	179
Schwarz, Lilian	169	Shalaby, Sherif Y.	155	Shubert, Christopher	138, 185
Schwarze, Margaret (Gretchen) L.	48, 61, 75, 127, 137	Shalgian, Christian	115	Shuchleib, Samuel	83, 84
Sclabas, Guido M.	144	Shaligram, Abhijit	160	Shukla, Himanshu	186
Scott, Andrew	146	Shamamian, Peter	135	Shukla, Vivek	185
Scott, Bradford G.	151	Shames, Murray L.	113	Shupe, Thomas	123
Scott, Daniel J.	124	Shanmugan, Skandan	64	Shwaartz, Chaya	147
Scott, John W.	141, 142, 153	Shapiro, Jo	108	Sibia, Udai S.	134
Scott, Jonathan W.	120, 123	Shapiro, Lindsey	186	Siboni, Stefano	131, 137, 140
Seaman, Matthew J.	150	Shapiro, Michael B.	122	Siddiqui, Aamir	151
Seaman, Sierra J.	172	Shara, Nawar M.	136	Siddiqui, Najaf	165
Seamon, Mark J.	84	Shariff, Faiz U.	119, 171, 184	Sidle, Douglas M.	65
Sedaghatzandi, Deborah	140	Sharma, Sameer	152	Sidwell, Richard A.	94
Sedarat, Allreza	144	Sharma, Umakant	147	Sierra, Joseph J.	181
Seemann, Natashaia M.	119, 176	Sharp, Kenneth W.	89, 114, 122, 144, 164, 178	Sifri, Ziad C.	137
Segev, Dorry L.	127, 155	Shasha, Gao	128	Sigalet, David L.	118
Segovia, Luis A.	139, 183, 184			Sikder, Tarifin	137
				Sillesen, Martin	132

- Silliman, Christopher C. . . . 132, 188
 Silva, Edibaldo. 173
 Silverstein, Melvin J. 51
 Silvestri, Sandra 149
 Simeone, Diane M. 124
 Simhan, Jay 134, 135, 164, 165
 Simianu, Vlad V. 145, 152
 Simmons, Kristina D. . . . 129, 184
 Simmons, Rache M. 112, 137
 Simo, Kerri A. 159, 160, 181
 Simpfendorfer, Conrad H. . . . 146
 Sims, Carrie A. 57, 119
 Sims, Kaci D. 167
 Sindram, David 160
 Sing, Ronald F. 166
 Singer, Eric A. 96
 Singer, Marc A. 87, 174
 Singer, Samuel 78
 Singh, Pritam 151
 Singhal, Sunil 125
 Sipos, Jennifer 177
 Sippel, Rebecca S. 177
 Sippey, Megan 144
 Siqueira, Sávio L. 172
 Siracuse, Jeffrey 132
 Siram, Suryanarayana M. . . . 140
 Sirisreetreerux, Pokket. 188
 Sirkin, Maxwell R. 178
 Sise, Michael J. 97, 98
 Sisley, Amy Catherine 67
 Sissung, Tristan M. 185
 Siu Ho Chok, Kenneth. 107
 Sivanandane, Sittadjody 177
 Siy, Alexander 149
 Sjöholm, Lars O. 143
 Sjølander, Henrik. 121
 Skancke, Matthew D. 163
 Skandarajah, Anita 107
 Skaran, Pamela E. 138, 143
 Skelly, Christopher L. 150, 155
 Skiada, Dimitra 188
 Skibber, John M. 144
 Slagle, Elizabeth A. 126
 Slakey, Douglas P. . . . 124, 138, 176, 180
 Slaughter, Annie L. 132
 Sleeman, Danny. 142, 179
 Slifko, Jessica. 92
 Sloan, Jeff A. 138, 143
 Slovis, Michael 89
 Smaldone, Marc C. 188
 Smart, Blair J. 184
 Smeds, Matthew R. 55
 Smiley, Rebecca. 178
 Smink, Douglas S. 61, 62, 118, 120, 123
 Smit, Pieter J. 169
 Smith, Angela B. 126, 134, 136
 Smith, Brian P. 98
 Smith, Brian R. 118
 Smith, C. Daniel. 163
 Smith, Chadwick P. 178
 Smith, Charesa 123
 Smith, Haller 126
 Smith, J. S., Jr. 137
 Smith, Joshua 110
 Smith, Lorelle T. 118
 Smith, Mark L. 94
 Smith, Philip W. 124
 Smith, Russell B. 71, 83
 Smolevitz, Jill B. 174
 Smoot, Charles P. 178
 Smoot, Rory L. 138, 185
 Snow, Jeffrey P. 158
 Sobol, Danielle L. 148
 Sobrino, Justin 187
 Sohn, Min-Woong 153
 Sokas, Claire M. 137
 Soleiman, Aron Y. 152
 Solis, Abraham 178
 Solomon, Jane F. 151
 Solorzano, Carmen S. . . 75, 147, 148
 Somasundar, Ponnandai S. . . . 180
 Somerville, Donna 135
 Sondak, Vernon K. 144
 Song, David H. 104, 159
 Song, Yulong 180
 Song, Zirui 129
 Soo, Chia 130, 134
 Sood, Aditya 176
 Soopan, Renganaden V. 120
 Søren, Bentzen M. 184
 Sorensen, Jette L. 127
 Soricelli, Emanuele 157, 167
 Sosa, Julie Ann 111, 137, 147
 Sosa-Duran, Erik E. 186
 Sosin, Michael 183
 SotoGutierrez, Alejandro 105
 Soubrane, Olivier 158
 Sound, Sara 162
 Soyama, Akihiko 131
 Soybel, David I. 142, 146, 182
 Spain, David A. 129, 138
 Spaniolas, Konstantinos. . . . 143, 144, 153
 Spann, Matthew D. 92
 Spence, Jason R. 130, 148, 183
 Spencer, E. Sophie. . . . 126, 136, 165
 Spencer, Philip J. 157
 Sperry, Jason L. 140
 Spitz, Douglas R. 186
 Spitz, Francis R. 175
 Spolverato, Gaya. . . . 138, 178, 181
 Spratt, John 102
 Spruiell, Murray D. 153
 Sprys, Michael H. 172
 Spurrier, Ryan G. 135, 182
 Srivastava, Sunita D. 55
 St. Hilaire, Hug. 183
 St. Peter, Shawn D. 81, 99, 168
 Stabile, Bruce E. 173
 Stafford, Jeanette M. 133
 Staheli, Allison. 146
 Stain, Steven C. 114
 Stalder, Mark W. 183
 Stamos, Michael J. . . . 74, 124, 143, 151, 152, 153, 174, 179, 180, 186
 Stanek, Albert 123
 Stanger, Ben Z. 130
 Stanley, Sharon 144
 Stansfield, William E. 121
 Stapfer, Maria 180
 Starns, Victor E. 102
 Starr, Jean Ellen. 107
 Staszak, Ryan M. 163
 Staudacher, Carlo 161
 Staudenmayer, Kristan L. . . . 57, 129
 Stauffer, John A. 160
 Stavrou, Gregor A. 162, 169
 Stawicki, Stanislaw P. 131
 Steele, Scott R. 71, 145
 Stefanidis, Dimitrios 70
 Steffens, Nicole 127
 Stein, Adam C. 92
 Stein, Deborah M. . . . 63, 115, 176, 187
 Stein, Sharon L. 79, 157
 Steinberg, Steven M. 56
 Steinhagen, Emily 167
 Stenson, Kerstin M. 65
 Stephen, Antonia E. 177
 Stevens, Melissa 180
 Stewart, Amilu. 46
 Stewart, David B. 152
 Stewart, Dylan 168
 Stewart, Jerry 135
 Stewart, Laveta 188
 Stewart, Melissa K. 122, 176
 Stewart, Ronald M. 52, 187
 Stipa, Francesco 157, 167
 Stitzenberg, Karyn B. . . . 144, 154
 Stocchi, Luca. . . . 133, 147, 152, 174, 175
 Stockinger, Zsolt T. 177
 Stoll, Barbara. 128
 Stoller, Jeremy L. 142
 Stone, Melvin E., Jr. 187
 Stone, Roslyn A. 128
 Stoner, Michael C. 150
 Strandbygaard, Jeanett J. S. . . . 127, 151
 Strasberg, Steven M. 42, 181
 Strate, Lisa L. 79
 Strauch, Nairi. 118
 Straughan, David. 129
 Straughn, John M., Jr. 126
 Strauss, Ronald 148
 Streeter, Jason E. 125
 Strodel, William E. III 173
 Strong, Beverly 128
 Strong, Scott A. 71
 Struecker, Ben 144, 154
 Strumwasser, Aaron M. 137, 142, 159
 Stull, Mamie C. 150
 Sturgeon, Cord 81, 147
 Subhas, Gokulakrishna. 124
 Sugden, Colin. 119
 Sugimoto, Hiroyuki. 185
 Suh, Insoo 165
 Sukharamwala, Prashant B. . . . 165
 Sukhotnik, Igor 182

Sullivan, Cathy. 176
 Suman, Paritosh 147
 Sumpio, Bauer E. 132
 Sun, Beatrice J. 131, 141, 176
 Sun, Coral 151
 Sun, Susie X. 137, 146, 185
 Sun, Virginia. 155
 Sun, Weihong. 173
 Sun, Zhaoli 142
 Sun, Zhifeng 144
 Sunpaweravong, Somkiat. 185
 Sunpwaeravong, Patrapim. 185
 Suntharalingam, Mohan. 184
 Sussman, Marc. S. 176
 Sutherland, David E. 138
 Sutherland, Michael J. 46
 Sutton, Brad S. 136
 Sutton, Thomas L. 129
 Suzuki, Jun 173
 Swallow, Carol J. 78
 Swan, Kimberly 101
 Swan, Ryan Z. 160, 179
 Swanstrom, Lee L. 66, 67
 Swaroop, Mamta 122
 Swartz, Daniel E. 160, 163
 Sweeney, John F. 149
 Sweeney, W. Brian 83
 Syed, Mashaal 119
 Sylla, Patricia. 72, 98, 99, 157
 Sylvester, Kari G. 128
 Symanowski, James T. 134
 Szasz, Peter 120, 151
 Szeltó, Wilson 94
 Szilagyi, Erzsebet 131
 Szomstein, Samuel 126, 133,
 146, 163, 164, 165, 169, 170, 172,
 179, 182
 Szotek, Paul 81
 Szretter Noste, Maria Eugenia. 146

T

Tabar, Viviane 86
 Tabata, Yukiko. 173
 Tabrizian, Parissa 172
 Tache-Leon, Carlos A. 141
 Tackett, John J. 135
 Tadaki, Carl 160, 164
 Taddeo, Joseph 187
 Tadisina, Kashyap K. 184
 Tadros, Rami O. 155, 166
 Taghavi, Sharven. 130, 143
 Tahliramani, Reena N. 152, 174
 Tahiri, Mehdi 137
 Takada, Yasutsugu 162
 Takahashi, Hideo. 163
 Takahashi, Keiichi. 181
 Takahashi, Yu 161, 179
 Takai, Akihiro. 162
 Takanishi, Danny M., Jr. 104
 Takasu, Chie 138, 181
 Takatsuki, Mitsuhisa. 131
 Takayama, Toshio. 150, 188
 Takemoto, Ken-ichi. 186
 Takla, Hany M. 165, 170
 Talamini, Mark A. 99, 143
 Talan, David A. 45, 91, 146
 Talboy, Glenn Ervin 93
 Talukdar, Anjan 166
 Talving, Peep 141
 Tamoto, Eiji 179
 Tamura, Kei 162
 Tan Kim, Jasmine 82
 Tan, Kongteng 133
 Tanabe, Hiroaki 121
 Tanaka, Chie 185
 Tanaka, Masayuki 169
 Tanaka, Yujiro 144
 Tandon, Puneeta 138
 Tang, Andrew L. 128, 131, 134,
 137, 140, 149, 153, 187
 Taniguchi, Hiroki. 123
 Tarakji, Mark 151
 Targa, Simone 174
 Targarona Soler, Eduardo M. 161,
 164, 166
 Tarnoff, Michael E. 92
 Tarpley, Margaret 127
 Tasciotti, Ennio 121, 185
 Tashiro, Miwa 173
 Tatarian, Talar 137
 Tavakkoli, Ali 77, 118, 143
 Taylor, Benjamin B. 135
 Taylor, Jessica 165
 Taylor, Rodney J. 85
 Taylor, Rozeena J. 165
 Taylor, Spence Mclean 103
 Tchou, Julia C. 137
 Teague, Kent 144
 Tefera, Girma. 43, 81, 75, 123
 Teich, Steven 75
 Teisch, Laura F. 140, 187
 Teitelbaum, Daniel H. 92, 130
 Teitelbaum, Ezra N. 65
 Teixeira, Andre F. 169, 170
 Teixeira, Julio 170
 Teixeira, Pedro G. 182, 188
 Teknos, Theodoros N. 83
 Telem, Dana A. 86, 99, 111, 118,
 133, 143
 Temple, Larissa, K. F. 64, 116, 146
 Tender, Gabriel C. 159
 Tennakoon, Lakshika 129
 Teoh, Deanna. 126
 Tepas, Joseph J. III 87, 149
 Teperman, Sheldon H. 187
 Teplica, David 159
 Teraoku, Hiroki 138
 Terezakis, Stephanie A. 185
 Terhune, Kyla P. 176
 Termuhlen, Paula M. 104
 Terris, David J. 42, 158
 Terry, Keith J. 163
 Testa, Giuliano. 145
 Tevlin, Ruth 139
 Thai, Leo 119, 133
 Tham, Tristan 138
 Than, Peter 131
 Thaxton, Colby S. 133

Thelin, Eric P. 141
 Therattil, Paul J. 176
 Thibault, Dylan P. 177
 Thiels, Cornelius A. 143
 Thinggard, Ebbe 151
 Thirlby, Richard C. 87, 145, 152
 Thitivaraporn, Puwadon 187
 Thomas, Bradley W. 166
 Thomas, Charles R. 176
 Thomas, Eric D. 126
 Thomas, Eric J. 149
 Thomas, Juliana M. 120
 Thomas, Peter 131
 Thomas, Ryan 185
 Thomas, Samatha M. 147
 Thomas, Tina. 143
 Thompson, Geoffrey B. 75
 Thompson, John F. 110
 Thompson, Jon S. 133
 Thompson, Matthew 147
 Thompson, Peter W. 184
 Thompson, Sarah K. 118
 Thornton, Katherine A. 185
 Thorson, Alan G. 64
 Throckmorton, Alyssa Dawn. 137
 Thumma, Jyothi R. 120
 Thummar, Hareesh G. 165
 Thurston, Kelly 185
 Thygesen, Lau c. 134
 Tiao, Gregory M. 135
 Tieu, Brandon H. 103
 Tilak, Jacqueline 124
 Tillou, Areti 82
 Timaran, Carlos. 166
 Timaran, David 166
 Timashpolsky, Alisa 183
 Timmons, Shelley D. 51, 140
 Tindall, Rachel P. 101
 Ting, Kang 130, 134
 Tingzon, Marlon 155
 Tinoco, Augusto C. 170
 Tippens, Daniel 131
 Tobbia, Iqbal 146
 Tobias, Adam M. 148
 Todd, Robert 84
 Todd, S. Rob 146
 Toevs, Christine C. 101
 Tohyama, Taiji. 162
 Tokunaga, Takuya 181
 Tolentino, Julia C. 173
 Tomezsko, Janet E. 109
 Tomimaru, Yoshito 107
 Tomkoetter, Lena 131
 Tomlinson, James S. 125, 145
 Tomlinson, Jared A. 108
 Tong, Carmen 165
 Tong, Xinming 139
 Torain, Maya J. 129
 Tork, Shahryar 101
 Torquati, Alfonso 119
 Torrent, Daniel J. 143
 Torres, Denise M. 84
 Torres-Hernandez, Alejandro 131
 Torrisi, Jeremy S. 139, 148, 184

Torzilli, Guido	123, 124
Tosato, Sara Maria	157
Townsend, Courtney M., Jr.	127
Toyoda, Yoshiya	130
Tozzi, Matteo	166
Traa, Maria	174
Trakimas, Lauren E.	144
Tralhão, José G.	179
Tran, Danielle	131
Tran, Eric	186
Tran, Thuy B.	138, 148, 165, 180
Tran, Trung L.	152, 176
Trapani, Rosana J.	127
Trappey, Alfred F.	136
Trecartin, Andrew	135
Trelles, Nelson	146, 168, 170
Trent, Jonathan C.	154
Trias Folch, Manel	161, 164
Tribble, David R.	188
Tripuraneni, Priyanka	131, 145
Trisal, Vijay	130
Trowbridge, Elisa	109
Troyan, Susan L.	123
Trubeija, Alen	120
Truitt, Michael S.	144
Truong, Mireille D.	162
Trus, Thadeus L.	66, 67, 163, 164, 165
Truty, Mark	138, 185
Tsai, Susan	138, 148
Tsai, Thomas	155
Tsai, Thomas C.	120, 141, 153
Tsangaris, Theodore	137
Tsao, KuoJen	149
Tseng, Jennifer F.	129
Tsikitis, V. Liana	176
Tsoufas, Georgios	47, 110
Tsuchikawa, Takahiro	179
Tsuda, Akira	130
Tsui, Jane	160, 164
Tsumagari, Koji	177
Tsunoyama, Taichiro	141
Tsuruta, James K.	125
Ttendo, Stephen	123
Tucholka, Jennifer L.	127
Tudor, Bianca-Andreea	180
Tufano, Ralph P.	113
Tufaro, Anthony P.	85
Tuffaha, Sami H.	151
Tugnoli, Gregorio G.	167
Tullius, Stefan G.	131
Turaga, Kiran K.	60
Turnbull, Isaiah R.	124
Turner, Justine M.	118
Turner, Lucas	128
Turrado Rodríguez, Victor	161, 164, 166
Turrentine, Florence E.	153, 172
Turza, Kristin C.	175
Twesigye, Deus	123
Tyritzis, Stavros I.	107
Tzeng, Ching-Wei David	138
Tzeng, Edith	150, 155
Tzvetanov, Ivo	145

U

Uceda, Pablo	155
Uchida, Shinji	171
Uchida, Yasuyuki	141
Udelsman, Robert	76
Uehara, Hirofumi	131
Uemoto, Shinji	180
Ujiki, Michael	119
Ullman, Jamie	162
Undurraga Peri, Vicente J.	129
Upchurch, Gilbert Rivers	115
Urbach, David R.	61
Uribe, Amadeus A.	167, 187
Uribe, Jorge L.	119, 171, 184
Uribe-Leitz, Tarsicio	122, 129
Utiyama, Edivaldo M.	159, 167, 168, 178
Uyanik, Ozlem	164
Uzzo, Robert G.	188

V

Vagnoni, Emidia	174
Valente, Michael A.	167
Valentin, Andre	123
Valentino, Joseph D.	167
Valenzuela, Cristian D.	130
Valerio, Ian L.	85
Valle, Evan J.	130
Vallejo, Diego	168
Valluru, N.	174
Valsangkar, Nakul	149, 177
Van Dorp, Dennis	186
Van Eps, Jeffrey L.	121, 185
van Goor, Harry	88, 104
Van Haren, Robert M.	130, 140, 142
Van Osdol, Andrew D.	168
VanGeffen, Erwin	122
VanHise, Katherine	137
Varban, Oliver A.	120
Vargas, Christina R.	148, 178
Varghese, Thomas K., Jr.	74, 98, 114, 149
Vargo, Daniel J.	94, 143
Varma, Madhulika G.	97, 109
Varshney, Neha	124
Vartanian, Emma	148
Vassaur, Hannah	118
Vassiliou, Melina C.	67, 69
Vassos, Nikolaos	107
Vasudevan, Sanjeev A.	182
Vauthey, Jean-Nicolas	169
Vavra, Ashley K.	105, 106
Vaziri, Khashayar	65
Veale, Kristy	146
Vedel, Isabelle	137
Veenstra, Benjamin R.	168
Velanovich, Vic	179
Velasco, Jose M.	70
Velasco, Omar	130
Velazco, Cristine S.	166
Velderrain, Armando	133
Vellody, Ranjith	68
Vellone, Maria	158

Velmahos, George C.	85
Vemula, Rahul	184
Vemulapalli, Pratt	172
Vemuri, Chandu	150
Venardos, Neil	120
Venkat, Raghunadan	138, 146, 147
Venter, Julie	182
Verde, Juan M.	180
Vernon, Ashley H.	70
Verri, Marco	174
Vestal, Matthew A.	129
Vetere, Patrick	162
Vicente, Emilio	144, 156, 160, 169
Vickers, Selwyn M.	46
Victorino, Gregory P.	63
Viera, Jennifer L.	178
Vigneswaran, Yalini	122
Villa, Mark T.	151
Villamaria, Carole	130
Villamor, Antonio, N. III	143
Vincent, Charles A.	136, 144
Vincent, Garret	147
Vinden, Chris	176
Vine, Donna F.	118
Vinerean, Horatiu V.	147
Viscusi, Rebecca K.	127
Visser, Brendan C.	138, 148, 180
Vitale, Gary C.	114
Viterbo, Rosalia	188
Voeller, Guy R.	164
Vogel, Jon D.	64, 133
Vogt, Kelly N.	176
Volckmann, Eric T.	92
Volkmer, Jens P.	148
Voller, Lindsey	118
Volta, Carlo Alberto	174
von Allmen, Daniel	128
Von Holzen, Urs Werner	154
Votanopoulos, Konstantinos I.	148
Vouyouka, Ageliki	155
Vrochides, Dionisios	179
Vuong, Phoenix	89
Vyas, Arpita K.	176
Vyas, Dinesh	176

W

Wachtel, Heather	177
Wada, Daisuke	173
Wada, Yusuke	180
Wagner, Doris	138
Wagner, Willi L.	130
Wakabayashi, Go	158
Wales, Paul W.	118
Walingankar, Nikhil	188
Waljee, Jennifer F.	136
Walker, J. Patrick	76
Wall, Anji	127
Wall, Stephen P.	140
Wallace, Anne M.	137
Wallace, Matthew C.	127
Wallen, Eric M.	136
Wallen, Jason M.	58
Wallen, Mark E.	134
Walmsley, Graham G.	139, 171

Walrond, Errol Ricardo	42	Weinberg, Jordan A.	100	Wilkins, Edwin G.	136, 172
Walsh, Danielle S.	143	Weinberger, Jason M.	101	Willey, Shawna C.	65, 66
Walsh, R. Matthew	138, 154	Weiner, Bradley K.	121	Williams Noel N.	129
Walsh, Thomas N.	146	Weintrob, Amy.	188	Williams, Amy	114
Walters, Amanda L.	152	Weireter, Leonard J.	76	Williams, Anne M.	91
Walthers, Ashley	135	Weirsch, John	123	Williams, Heinric	188
Walton, John	188	Weis, Matthew J.	142	Williams, Jacqueline	111
Walton, Robert L.	159	Weiser, Martin R.	71	Williams, Jennifer L.	144
Wan, Derrick C.	148	Weiser, Thomas G.	122, 129	Williams, Mallory	75
Wang, Bowen	150, 188	Weiskopf, Kipp A.	148	Williams, Noel N.	172
Wang, Chunyou	125, 171, 175, 181	Weismann, Joel S.	129	Williams, Paul D.	101
Wang, Cunchuan	177, 181	Weiss, Matthew J.	124	Williams, Regan F.	103
Wang, Edward	122, 147	Weissler, Mark C.	41, 45, 46, 47, 127	Williams, Ryan S.	152
Wang, Jichuan	187	Weissman, Irving L.	139, 148	Willingham, Stephen B.	148
Wang, Jin	135, 182	Weissman, Joel	141	Willis, Alliric I.	177
Wang, Jiping J.	168	Wekerle, Thomas	180	Willis, Allison W.	177
Wang, Kasper S.	183	Welk, Blayne	176	Willis, Monte S.	121
Wang, Katie	150	Wellstead, Georgina	151	Wilson, Alison M.	63
Wang, Larry	182	Weltz, Christina	172	Wilson, Chad T.	49
Wang, Li	176	Wendby, Lisa	148	Wilson, Eric M.	165
Wang, Lin C.	130, 139	Wengter, Sean P.	166	Wilson, Laura D.	141
Wang, Lixin.	180	Wennergren, John E.	163	Wilson, Matthew Z.	145, 152
Wang, Mo	132, 155	Wernick, Brian	131	Wilson, Peter W.	150
Wang, Ping	118, 141	Wertheim, Jason A.	105	Wilson, Rickesha L.	139
Wang, Qunwei	180	Wesson, Russell N.	142	Wima, Koffi.	129
Wang, Sam C.	154	West, Howard	149	Winchester, David P.	112, 136
Wang, Ting Yu	150	West, Michaela	84	Winder, Joshua S.	152, 163, 167
Wang, Tracy S.	74, 147, 148	Westesson, Karin	167	Winfield, Robert D.	108
Wang, Xiaofu	123	Wexner, Steven D.	42, 76, 112, 126, 164, 167, 174	Wink, Jason D.	184
Wang, Yi-Zarn.	180	Wey, Jane S.	138, 154	Winnick-Ng, Jennifer	176
Ward, Austin	129	Weyant, Mike J.	120	Winslow, Emily R.	138, 144, 149, 158
Warkentin, Lindsey M.	138	Whealon, Matthew	118	Witalka, Timothy	174
Warner, Kenneth G.	121	Wheatley, Grayson H. III.	130	Witzig, Thomas	143
Warshaw, Andrew L.	41, 50, 115	Whelan, James F.	67	Wizzard, Pamela	118
Wasserman, Molly A.	133	Whelan, Richard L.	69	Wojda, Thomas R.	131
Watanabe, Jota	162	Whitacre, Eric B.	76	Wolf, Andrea M.	179
Watanabe, Makoto	178, 180	White, Julia	93	Wolf, Andrea S.	90
Watanabe, Yusuke.	177	White, Paul W.	93	Wolfe, Caleb.	160
Waters, Alicia M.	135	White, Peter.	102	Wolff, Renee S.	164
Watkins, Stephanie	148	White, Rebekah R.	138	Wolfgang, Christopher L.	124
Watson, David I.	118	White, Richard L.	136	Wolforth, Janet B.	130
Watson, J. Devin B.	145	Whitehurst, Katharine	151	Wolinsky, Philip R.	85
Watson, Rabindra	144	Whitman, Glenn J.	176	Wong, Alex K.	148
Watson, Thomas J.	130, 133	Whitmill, Melissa L.	176	Wong, Andrew Siang-Yih	175
Watson, William D. II.	143	Whitmore, Arnetha J.	139	Wong, Hector R.	128
Watters, Deborah	149	Whittam, Alexander	139, 148	Wong, Joyce.	185
Waxman, Irving	83	Whittlesey, Rebecca L.	125	Wong, Kenneth	124, 154
Way, Nelda	143	Whitworth, Pat W.	66	Wong, Monica D.	131
Wayne, Jeffrey D.	127	Whyte, Richard I.	88	Wong, Richard J.	90, 112, 129, 154
Weaver, Amy L.	127	Wick, Elizabeth C.	86, 87, 116, 119, 152	Woo, Edward Y.	107
Weaver, Donald W.	145	Wieck, Minna M.	130, 135, 182	Wood, Douglas R.	118
Weaver, Martin V.	166	Wiedeman, James E.	101	Wood, Justin D.	176
Weaver, Michael T.	158	Wiegmann, Douglas	154	Woods, Michael E.	136, 164
Webb, Lynn E.	176	Wieneke, Carrie L.	101, 114	Woods, Randy J.	176
Webb, Travis P.	61	Wiersch, John C.	182	Woodson, Jonathan	105, 106
Weber, Sharon M.	148	Wiese, David	119, 137	Wormer, Blair A.	152
Webman, Rachel B.	187	Wigle, Dennis A.	109	Worni, Mathias	144
Webster, Fiona.	176	Wiland, Homer.	133	Wray, Curtis J.	181
Wee, Jon O.	129	Wild, Trevor T.	153	Wren, Sherry M.	74, 82, 114, 122
Weed, Harrison G.	62	Wiley, Jose	155	Wright, Andrew S.	133
Wei, Jishu	161, 181	Wilke, Lee G.	75, 114, 136	Wright, G. Paul.	125, 179
Weigel, Ronald J.	147			Wright, Jeffrey M.	178
Weigelt, John A.	42			Wright, Marie-Christine	124
Weilage, Drew J.	129				

Wright, Robert C.	160
Wu, Benjamin.	134
Wu, Christopher	152
Wu, Geena X.	129, 130
Wu, George C.	82
Wu, Heshui.	125, 171, 175, 181
Wu, James X.	146
Wu, Junli.	161, 180, 181
Wu, Liming.	145
Wu, Liza C.	184
Wu, Zi Jun.	178
Wyneski, Matthew J.	168

X

Xi, Sichuan.	129
Xiang, Junxi.	180
Xiao, Xiangwei.	123
Xie, Yingjun.	142
Xing, Jia.	152
Xiong, Yanbao.	131
Xiong, Yin.	129
Xu, Hong.	178
Xu, Hui.	186
Xu, Jun.	150
Xu, Li.	178
Xu, Wenbin.	181
Xu, Xianghua.	181
Xue, Fei.	178, 181

Y

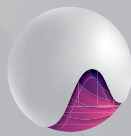
Yagi, Hiroshi.	169
Yagi, Toshiyuki.	173
Yakoub, Danny.	154, 179
Yalanis, Georgia C.	139
Yamada, Kosuke.	180
Yamada, Shinichiro.	138, 181
Yamada, Suguru.	185
Yamamoto, Kota.	132
Yamamoto, Maki.	124, 144, 179
Yamamoto, Masaki.	173
Yamamoto, Se Ryung.	144
Yamanouchi, Kosho.	131, 173
Yamashita, Takeshi.	178
Yan, Huan.	146, 173
Yan, Tan.	180
Yan, Xiaopeng.	178, 180
Yanaga, Katsuhiko.	144, 179
Yanala, Ujwal R.	133
Yang, Anthony D.	120, 153
Yang, Chong.	171, 181
Yang, Ethan.	187
Yang, Fan.	139
Yang, Feng.	154
Yang, Han-Kwang.	157
Yang, Jingge.	118, 177
Yang, Pu.	130
Yang, Renbao.	178
Yang, Wah.	177, 181
Yang, Weng-Lang.	118, 141
Yang, Xihua.	102
Yang, Zhe.	145
Yangni-Angate, Kofi Herve.	52
Yannam, Govardhana R.	101
Yano, Fumiaki.	144

Yao, Katherine.	136
Yao, Weijie.	180
Yarboro, Leora T.	120
Yasuchika, Kentaro.	180
Yeh, Heidi.	186
Yeh, Jen Jen.	125
Yen, Hao-Ting.	141
Yen, Tina W. F.	96
Yendamuri, Sai.	130
Yeo, Heather Lynn.	144
Yeung, Louise Yeuk Yan.	100
Yeung, Raymond S.	125
Yi, Jen.	125
Yi, Stephanie.	143
Yigitbas, Hakan.	162
Yim, Dorothy.	145
Yin, Huiying Hy.	154
Yip, Linwah.	81
Yndart Arias, Adriana.	147
Yoe, Linus M.	158
Yoo, David.	86
Yoo, James.	123, 130, 131, 139, 155, 177, 186
Yoo, Jin S.	70
Yoo, Simon.	65
Yoon, Brian.	178
Yoon, Charles H.	109
Yoon, Sam S.	165
Yopp, Adam C.	145, 148
Yoshikawa, Kozo.	173, 181
Yoshikawa, Masato.	138
You, Y. Nancy.	144
Young, Ezekiel.	188
Young, J. Nilas.	154
Young, Jason B.	126
Young, Monica T.	118, 133, 167
Young-Fadok, Tonia M.	84
Youngson, George Gray.	62
Ysasi, Alexandra B.	130
Yu, Daohai.	125
Yu, Denny.	143, 178
Yu, Ling.	128
Yuan, Carrie Y.	118
Yuan, Du.	142
Yule, Steven J.	61, 62, 120, 123
Yunus, Rossita M.	119, 133, 152

Z

Zager, Jonathan S.	109, 144
Zagory, Jessica A.	183
Zaheer, Salman.	129, 177
Zahiri, Hamid R.	134, 163
Zakrison, Tanya, L.	187
Zamary, Kirellos Rafaat.	102
Zambon, Joao.	155
Zamora, Irving J.	128
Zanello, Mateo.	167
Zangbar, Bardiya.	128, 131, 134, 137, 149, 153, 187
Zanon, Aline B.	167
Zappile, Denise M.	142
Zarkowsky, Devin S.	150
Zarnegar, Rasa.	143
Zarour, Ahmad M.	159, 186

Zarow, Gregory J.	146
Zarzaaur, Ben L.	57, 129
Zaw, Andrea.	131, 141, 176
Zebib, Laura.	187
Zee, Phyllis.	80
Zeitouni, Nathalie C.	184
Zeliadt, Steven.	149
Zendejas, Benjamin.	128, 182
Zender, Chad.	121, 159
Zenilman, Michael E.	77
Zhang, Cici.	170
Zhang, Da.	178
Zhang, Haixia.	121
Zhang, Jing.	178, 181
Zhang, Lisa.	147
Zhang, Mary.	129, 185
Zhang, Mengxue.	150
Zhang, Peipei.	183
Zhang, Sijian.	128
Zhang, Xinli.	130, 134
Zhang, Yang.	172
Zhang, Yulong.	134
Zhang, Yushun.	171, 181
Zhang, Zheyu.	139, 183, 184
Zhao, Gang.	125
Zhao, Huaqing.	130
Zhao, Yue.	178
Zheng, Chaoyi.	136
Zheng, Feibi.	143
Zheng, Shusen.	145, 181
Zheng, Xinglong.	180
Zheng, Zhong.	130
Zhong, Xin.	185
Zhou, Jia.	123
Zhou, Lin.	145, 181
Zhou, Situo.	139, 183, 184
Zhu, Shuai.	125
Zhu, Xulong.	180
Zhu, Yichen.	150, 188
Zhurov, Yuriy.	168
Zickmund, Susan.	128
Zielins, Elizabeth R.	139, 148
Zielinski, Martin D.	128
Zimmerman, Andrew S.	139
Zimmers, Teresa A.	149, 177
Zinner, Michael J.	50, 115
Zito, Paola.	123
Zogg, Cheryl K.	120, 129, 141, 142, 153
Zorn, Kristin.	135
Zuckerbraun, Brian S.	57, 88, 140, 150
Zuluaga, Mauricio.	168
Zundel, Natan.	65, 83, 161
Zyromski, Nicholas J.	70, 95, 96



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